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ARICENT PAPER ON 18th OCTOBER GURGAON

Hi friends, recently i got selected on 23rd oct'08 in the offcampus drive of ARICENT TECHNOLOGIES .Let me share my experience with you ,
Around 4000 students applied for Aricent across India,but they shortlisted and called 2300 for the written test at 3 centers namely Gurgaon,Chennai n Bangalore.

WRITTEN TEST

Test was conducted by merittrac on 18th n 19th oct. i gave the written on 18th.the written test was for 1:50 hrs.there were 4 sections in all:analytical section , accuracy to data,choice b/w c/c++ and java and data structures.

for analytical section one can go through r.s. agrawal, that is sufficient(no questions like time n work etc were asked),accuracy to data dat section was v easy and it was just an eye wash some figures are given like 33345673333 ,den there were 4 opions and u have to see how many of the four match dis digit....c section was ok,some question were v simple,around 5-7 were tough,Data structures was quite simple,n no codes were given , there were simple questions about stacks,queues,linked list, n around 4-5 questions on complexities of different sorting etc....do remember dat da time constraint is dere, for c ,data structure n accuracy to data time was sufficient , but for the first section it was less for me.dere were 100 questions in total.

Then after the written result was announced in around 2 hrs, in my batch 400 were dere n 100 were called 4 interview ,so by dis ratio around 600 must have been called for interview from 2300.

INTERVIEW DAY

On 21st i was called for interview,i just had 2 days 2 prepare for the interview, n in Aricent they can ask each n every thing that u must have studied..i toiled v hard day n night revised almost everything data structures, os, dcn , c , c++,s/w engineering, sdlc,normalization, keys,sql ,unix etc.

i was a bit confident as i studied almost everything...den my interview was frm 10:30-12:30,dere were 25 students in my batch at that time.a guy came to take us from the gate of Aricent sharp at 10:30 , really liked the punctuality of aricent ppl,den he led us into a room , n gave us 2 pieces of paper to fill, in one we had to mention everything about ourselves ,it was the employee record form , it was quite long...and in da other dere were around 9 scenarios , n we had 2 write in dem our experiences.he gave us around 30 minutes to fill both the forms .the scenarios were like

1)give an instance wen u found something difficult to learn ,den wat did u do??wat was da outcome??

2)wat do u dislike??tell us in brief about urself

i mostly wrote about my projects in da scenarios...,but u hv 2 think n write fast as time is less.

GROUP DISCUSSION E

Then the person took us to another room for GD..and he left , n 2 HR's were dere 2 take our GD,we were given a paper on wich Mid day Meal wich the govt provides in schools

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for poor children was described. Comparison of cooked and uncooked food was da main theme ...then we were given around 10 min 2 read it, n den our gd began ,all da time we were debating on whether cooked food was better or uncooked...dere were some guys in da group of 10 , who were not giving oders chance to speak ,da HR asked dem 2 let everybody speak,gd went 4 20 minutes , n den we were asked 2 conclude one by one...some favoured cooked food n some packed food..but i was da only one who favoured both,i said dat govt can include both kinds ,but wat needs to be looked is dat some minimum standards are set for the food,as cooked food can be unhygenic while even packed food have date of expiry,i dint know whether i was rite or wrong , but i said wat i felt .

The hr's were noting our marks frm time to time, i was speaking only wen my turn came ...so guys dont fight in gd's as HR's note each n everything.

INTERVIEW

Den after the gd,we were called one by one for the interview,dere were many ppl taking interview ,around 5-7 ,so our turn came quickly,, i was asked to sit on sofa , n den after 10 min , an HR came to take me wid him.i went inside a big hall n dere were around 3-4 more hr's who were taking interview of different candidates,

i was having cough , so as soon as i sat he asked me 2 have water, i confidently poured water in a glass n drank it n said thanks.i put my handbag on the floor and file in my lap,GUYS, NEVER KEEP THE FILE OR BAG ON THE TABLE ,REMEMBER ITS DERE TABLE NOT OUR..

Then to make me comfortable he asked me to tell something about me...i answered...

Then straightaway he started with the technical round..first he asked about s/w enginering--wat is spiral model??wat are different type of testing,wat is validation...fortunately i knew all da answers

,den he asked about the phases of SDLC,den moved to c,he asked me dat wat shud he ask in c...i said anything sir.then he asked me to write the prototype of switch-case, n asked many questions related to it,use of break,default,continue etc., he also asked me the output of few questions in c

den asked to write a string program , asked about static function ,also asked me to write a program 2 implement queue , i wrote but was stuck in de middle, but den i said sir i can explain the logic,he said ok , den i explained...

he was satisfied,den he asked data communication n networkng ,he first asked about the layers of osi model ,den protocal in each layer , also about some protocal, den he asked about packet switching ,circuit switching , sliding window protocal,

den asked me is anything left??i smiled n said sir OS as its my favourite subject, den he asked questions on windows , critical section , semaphores,how 2 implement dem?wat is a thread....the interview went for around 45 min , den he said ok...n i thoUght now i m through wid my interview,but den he said ...i have just taken half of the interview ...i smiled back ,it was the time for HR round...

i always knew dat i will perform gud in dis round ,so now i became v relaxed-he asked many questions like , wat have u learned working in da team ,wat are the problems faced while working in a team , he was also referring to my scenario filled form n asking

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questions, how come u knw about Aricent??he said dat in companies most of the guys drink and smoke , will u b having any problems??n he came 2 knw dat i have always studied wid gals frm nursery , so he asked how will u work with boys.he asked me about relocation , expected salary, my expectations from the company ,and grilled me on many questions..but i was quite confident n always answered wid smile.my interview went for 1:15 min ,he also asked me if i had any questions , i asked many questions like sir wat is ur profile,wat do aricent expect frm me, if i get selected den wat will be the next step...he answered to all my questions v nicely.

AT LAST I MADE IT!!!!

Wen i came out of the room , i was not sure whether my interview was gud or bad ,whether i ll get selected or not...

but due to god's grace i got the mail frm dem on 23rd dat i was selected , they have selected 131 students all over india(gurgaon,chennai,banglore)n da next day got the offer letter n doj wich is 3rd nov...

the HR was v friendly n was having a gud personality ,remember guys dat in Aricent eaCh n every round counts , so u need 2 perform in each n every round , n also ur c n den skills should be gud..

even i was not sure of many questions ,but i either said sir i dont knw or sir i would like to guess The answer , so u should always be confident , even if u r answering wrong, sometimes wen i gave wrong answers da HR tried to stress me by saying u have given a completely wrong answer, but i never lost my calm , n smiled back.

Even i used to think before that it is hard 2 clear Aricent , but now after my selection i would like to say that nothing is tough , u just need to be confident n hardworking.

All the very best to u guys,btw i m an mca frm banasthali vidyapith,

ARICENT PAPER ON 23rd AUGUST 07 AT "BIT_Mesra ,Ranchi."

I am going to share my recent experience with Aricent. I hope it will help you to prepare for the In/Off Campuses. The written test was held on 23-aug ,it was conducted by Merit Track Consultancy.

1. Written Exam

Aricent Written exam has 7 sections. Each section has 10/15/20 questions,around 90ques in total and the time given is 1 min per question so 90 mins test duration for 6sections + 5 mins duration for 7th section.there is individual cutoff for each section.So be carefull.

1) simple english (prepositions, verbs etc.). you can easily clear this section if u have general idea about english grammer. You can follow any english book if u have problem like new style etc.

2) reasoning . this section has reasoning questions based on puzzles, seating arrangements, cubes puzzles etc. R.s Agarwal is sufficient

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3) quantitative . it has ques like sets using venn diagrams, time and work etc.R.s agarwal is sufficient here again.

4) DS and OS. It is the most difficult section as I feel. It has 20 ques and 20 mins duration. DS was tough and you should be well prepared with trees, graphs and sorting (with programs). there was prog with 1-2 pages to find output or error. 1 question from UNIX also.

5)C/C++. next section is of C or C++ programming. they will ask u to have one lang. C paper is full of pointers and strings, arrays and other questions. Prefer Exploring c and pointers in c to solve. I opted for C.

6) This section is unseen passage. Not very tough english but the questions are confusing. you should read the passage at least twice.they will give 15 mins to read it and thereafter given ques based on it with duration of 10 min for 10 ques.

7) the last section is E-mail writing. They assigned a problem specification and you have 5 mins to write email. try to write it in professional way using proper grammar punctuation and english.

ok cool,

Around 300 students are appeared for written test and only 85 have cleared it,including me.

2. TECHNICAL INTERVIEW

My Tech interview is good , queries regarding Data Structures, they majorly test your programming skills .so you must be good at programming skills and you cant escape without writing atleast 3 or 4 programs. they ask you to write the program ,if you are not getting the logic they will give you the hints .u must be able to catch those hints & crack the program.after they slowly starts queries from OS,CompN/Ws,& C. you must have clear & basic knowledge about these subjects. these much of things are sufficient to crack the tech round. duration of my tech round is just around 50 mins,but to my friends it is more than 1hr 30 mins,if u performed well then u will be forwarded to HR. tech result will be given within 5 mins just after ur tech interview is over. as the day is very much good to me ,I cleared this round &I have been forwarded to HR.

ok cool

3.HR

Compared to my tech Interview, HR interview is very cool .no need to feel or get tense. if

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you cleared the tech then there will be >90% chances to get in to the aricent.
They asked me queries like

- 1.What u will be after 2years
 - 2.Situational queries.
 - 3.Abt higher studies
 - 4.After 2 years how u see yourself like leader or normal team mem.
 - 5.Wat u r expectin frm aricent other than sal
 - 6.Abroad relocation
 - 7.Finally ,do u like to ask any thing
- If u r intrested then ask the HR , they dont mind bcoz they r very cool.
Hr was satisfied with my answers & i came out of hr room with lot of confidence.

ok cool

4. CLIMAX--- final result.

finally they announced the result . out of 85 only 16 were selected .dont think tht I was not in tht final list.
bcoz I was selected !!!
so friends!! if the day is yours nobody will stop u untill you succeed .I also faced so many failures , after 6 successful failures I was placed in ARICENT.
I got lot of support frm my friends to get the success! so this is time to tell them thanks !!
tht to in the open world.

so VENKAT,SRINIVAS & SIVAJI (my friens), I am very much thankfull to you,who hav given me lot of support even I was in tough times.also I would like say thanks to god , my family mems for their blessings.
ok friends this all abt placement story, so hope for the best & be positive ,definetly one day u will get success!!

ARICENT PAPER ON 7TH JULY,2008

Hi friends, I am Ankush (MCA) from Punjab University, Chandigarh. Aricent came to PU on 7th July 2008 ..The Criteria was 70% in current degree. This time the pattern was totally different from the previous papers

The pattern of paper is as follows:

1. Written test
2. Group Interview
3. Interview

Written test:(10:00am)

Written test consists of three parts rather than seven :

1) There was 30 questions of Aptitude(30%) and Reasoning(70%) in 30 mins they were easy only 4-5 were difficult. I attempted in 20 mins.. means time is not a problem I

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Aricent ..

2) Data structures 20 questions in 20 mins. 7-8 was very easy 6-7 average and 3-4 were very tough. I attempted in 15 mins.

3) Choice between C, C++ and Java. 60% students chose C, 35% chose C++ and rest 3 students chose Java and I was among those three students .. it was a 30 questions paper in 30 min .. java was really tough i attempted only 16-17 rest was a fuke (not Blind).

Remember Sectional cut off was there

Finally the result came out and i was selected .. after this all rounds were open for us ..

Group interview:(6:00 p.m.)

Then it was the GI round we were 6 students on one side and six on another ..

Topic was "Too much Cricket is killing the Game"

other Topics : "Global Warming", "Junk Food", etc ..

Interview:(1:30 a.m.)

I was the last to be interviewed at 1:30 a.m. and it was good .. I answered almost 80%... I came out of room at 2:35 a.m. They will ask u everything: C, DS, NETWORKING, OS, S/w ENGG. && TESTING

I was very HappyI thought "about to ho hi jayega yar...". Result came at 3 a.m .and unfortunately I was not selected ...yet I have given my best Interview

I will tell u the Reason because I attempted Java and Java paper was difficult and C was very easy and those who were selected attempted C ... Please take care of these things ...If someone is not good in GI then he can score more in Written and vice versa ...

Wishing U "All THE BEST" ... do well in written because they count all the marks
(Written + GI + Interview)

Ankush Bagga

ARICENT PAPER ON 07th JULY

hi friends, I am bhargavi from Mepco Schlenk Engg college,Sivakasi(TN).I attended the interview on 7th of july ..this s to share few of my experiences

Pattern for the written test

1. Verbal
2. Aptitude
3. Mental Ability.

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4. Data Structures and OS(20 mins)
5. C or C++ (20 mins)
6. Comprehension(15minute reading time +10minutes for answering)
7. E-mail writing (5 minutes)

The first section consisted of questions from basic english grammar...it was quite easy....u neednt have any prep for it.

for the next two sections concentrate

problems on cubes

data sufficiency

some quantitative aptitude ques..

for all the above R.S.Agarwall s more sufficient

Even though I am from ECE Dept,we had questions from data structures,OS and algorithm

(But the cut off for this section was reduced only for non IT students)

We had choice of C or C++

I chose for C

The questions were quite simple...

U cud refer to TEST YOUR C SKILLS by Yashwant Kanetkar.

For comprehension the passage was so technical wit lot of new terms...U cud make a note of it while readingcoz they will issue the questions only after collecting the passage

E mail writing shud be min of 50 words and max of 120 words.....n if u exceed either it ll be rejected..

Follow any professional format and rmber time s just 5 mins and don waste much time thinking around...

There s sectional cut off for each section ...manage ur time effectively...

TECHNICAL INTERVIEW

My technical interview lasted for half an hour...They concentrated more on C and Networks..

In CI was asked ques from pointers,linked lists,stack,Queue,Tree(BST ,AVL),mem allocation

Be clear in ur basics and they also asked to write some simle prog

In Networks,they almost covered everything (Starting from OSI layers ,routers,Bridges,till the wireless protocols,GSM,GPRS)

Those who cleared the tech interview was called for the HR round..It was just a formal

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interview.. Be prepared with some general HR questions...and show some eagerness towards the company..

In our college 39 were shortlisted for interview and 10 were finally selected(Luckily I am one of it).... They almost selected everyone who cleared their tech interview..

Gud Luck
Bhargavi

ARICENT PAPER ON 13TH JUNE,2008

First of all I would like to tell u dat most of things depend on luck too.....

1. WRITTEN : -CONTAINS 4 PARTS
*ANALYTICAL ABILITY
*ATTENTION TO DETAIL
*DATA STRUCTURES & ALGORITHMS
*C OR C++ OR JAVA

ALL QUESTIONS ARE OF OBJECTIVE TYPE. The paper was not tough enough but DS & C paper was a little bit hard.

ONLY WRITTEN IS THE ELIMINATION ROUND.
SECTIONAL CUT OFF IS THERE

After written exam in there was a critical incidence form filling round in which you'll have to answer some questions but be sure that whatever u write u must remember at the time of HR interview. They will ask these questions.

After that there was a GI round (GROUP INTERVIEW... ORGROUP DISCUSSION)

IN this we had a group of 8 and that was divided into two parts & we had given a topic CIVILIAN AWARDS IN DEMOCRACY. Both the group got script -onr on favour & one on against & u had to b with ur team.(this is nt elimination round.)

Then after dat we had one on one interview. (TECH + HR)
AND EACH STUDENT HAD ITERVIEW FOR 1 OR MORE HOURS.

MY INTERVIEW:- (they have your marks of written + GI)
A Beautiful Lady Interviewer....!!!!

Me: good afternoon ma'am.

She: good afternoon have a sit .

Me: thank you ma'am.

She: so Gauravv u had done your exam by your own ??(cz I got good marks)

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Me: yes ma'am coz there was no negative marking so I made some intelligent guesses too!
She: intelligent guesses !!(laughs)
She: ok tell me sth abobut yourself
Me: blah blah
She: something more
Me: (a little bit more I told then my throat choked)
She: r u alright?? Do u want some water??
Me: no ma'am I m perfectly alrite,
She: ok ..(she asked a HR question "critical incidence")
Me: (told about contradicted cz I didn't remember)
She: why r u telling me this when u haven't written here??
Me: o ...sorry ma'am but ..(I was sweating ..a lot in AC)
She: what happened Gauravv??r u alrite??
Me: yes ma'am!
She: I think u need some water ?? just relax ...b confident.. (then she called peon 4 water)
Me: (after drinking water) sorry ma'am 2 make u uncomfortable..
She: oh !! dats alrite. Is dat ur fst interview?
Me: yes ma'am
She: why ? What abt TCS? Written clear nahi hua tha?
Me: ys ma'am (ws telling a lie!!)
She: ok just relax..b cmfrtable..and read these questions answers .i m coming within 2 min...(she went out f the room)
Me: (in heart of heart I was surprised ahat is this?? ..i read watever I had written in critical incidence)

After 3 min she came!!

She: have u read all these?
Me: yes ma'am.. (with a beautiful smile & confidently!!)
She: so now tell me(the questions of Critical incidence)
Me: told.....every questions..
She: recently kaun si film dekhi hai?
Me: (shocked) the forbidden kingdom..
She: kaun kaun hai usme?
Me: jakie chan & jet li
She: who is jet li (confused)?
Me: ma'am he is a martial art based actor.
She: ok ok.....I dnt watch dat kinda movies..
Me: (I was lookin her very suspiciously)
She: wat happnd Gauravv? Am I lookin like a Ghost?
Me: no ma'am ...not at all..
She: then just calm down
Me: ma'am I m jst a little bit tense..
She: why?
Me: cz this ma first step 2wrds ma professional life...

She: ok den jst b confident .when I was giving my fst interview I was nt like u “ yaar”
and u r a man boss....so be a man??
Me: Ok ma'am (smiled)
She:so tell me how much u know about C?
Me: ma'am just basic knowledge
She: program bana skte ho?
Me: yes ma'am (confidently)
She: factorial using recursion ??
Me: completed within a minute.. wrote and explained well...
She: ok so now string reversal without using lib func.
Me: wrote and explained well
She: (little bit confusd and askd) r u sure ?? that this program will reverse a string?
Me: definitely...(confidently)
She: Ok “to bahar phle hi questions puch chuke ho??”
Me: what ma'am?? (confused)
She: I think this program is wrong.
Me: ma'am this program is 100% correct..
She:oktell me about static functions?
Me: I began 2 tell about static variables...
She: I m asking static functions not variables?
Me: oops ...I dnt know ma'am??
She:think...smthing
Me: ma'am the functions which r static?(smiling)
She:laughs.....ok how many loops r there in C?
Me: told with explanation.
She:difference between while & do while loop
Me: told with explanation..
She:ok ...difference between Structures & unions?
Me: told with explanation.
She: (gave me a page that has a prog on functions using recursion) what would b d
output f dat?
Me: (after analyzing) no output will occur...as it'll stuck in infinite loop...
She: check it once more.....it'll give d output..
Me: (after checkin quickly) no ma'am ...no output will occur
She: u're wrong
Me: (she was tryin to confuse me) not at all ma'am ...and explained well
She: ok good(smiled)
She: ok....so hw r u in Data structures ?
Me: I've studied in last sem.
She: so wat are stacks & queue ?
Me: told
She: difference betwn stack & queue
Me: told
She: what is linked list?
Me: told with diagram of a node.
She: ok now single linkd list , double linkd list, & circular linkd list?

Me: told about single and double bt nt circular...
She: (then she explaine me circular)
Me: ok ma'am
She: so can u write an algo for circular linkd list for deletion?
Me: no ma'am I m nt good in algos
She: ok how insertion & deletion takes place in a queuewith diagram?
Me: explained well
She: how much u r comfortable with networks ?/
Me: as I've studied in last sem bt m nt very much cofrtable wth dat ..bt u cn surely ask questions I'll try 2 answer...
She: smthing about OSI 7 layer structure?
Me: told & explaine well with diagram
She: and wat is the diff. between TCP/IP layer diag and OSI ?
Me: told with TCP/P layer diag..
She: (she askd 4 more questions on protocols that I'd nt heard abt that)
Me: I dnt kno ma'am cz in ma next sem there will b another part of networks so I'll definitely sharp my netwrk area.
She: if u r goin 2 join a software company den u 'll hav 2 work hard of your programming , networks, Data structures type f subjects.....
Me: I'knw ma'am and I'll definitely work on these particular areas..
She: ok so.....wat abt microprocessors
Me: ys ma'am I've studied in last sem too.....dat was a quite interesting subject.
She: 8085 mp is of hw many bit mp?
Me: 8 bit
She: and 8086
Me: 16 bit
She: what are another difference betw them?
Me: explaine abt add and data bus lines..
She: what d LXI instruction does?
Me: told and explaine with example./...
She: can u compare two 8 bit no.s using program?
Me: I'll try ma'am (began 2 write a prog bt cudnt)
She: ok Gauravv any questin 2 me....?
(I think she was not expcting me 2 ask.....but)
Me: yes ma'am...I know that I'vnt given my best in my first interview so I just wunt u 2 rate me as an interviewee and gimme some more suggestions 2 improve myslf...
She: (lookin me as she jst got a electric shock) Gauravv I think u should rate urslf..
Me: but ma'am as an interviewer u know well dat how I've performed.....so pleeeezz
She: first of all I'd like 2 tell u dat ur apti , ur knowledge is good enough but u'll have to make urself more confident and the main thing is that ur programming skills r good but u should improve dat area too... "rest is all perfect"
Me: (I thought wat d hell has left) Ok ma'am I know that I've one whole year to study for all these particular subjects and I know dat I'll definitely becm d master f d programming part by den..(ConfidentLy).....& I'll definitely work hard 4 my next interviews...
She: Ok Gauravv all d best(smiled)
Me: thanks a lot ma'am (not smiling but with a expression f determination)

AND GOT SELECTED IN ARICENT,.....(21 OUT OF 170)

ARICENT PAPER ON 6th MARCH AT PATIALA

Hi friends,

i want to tell u the pattern of aricent company.the written pare has 7 sections namely:

1. verbal 10ques
2. mental ability 10ques
3. analytical 10ques
4. DS,OS,algorithm 20 ques
5. C or C++ 20ques
6. comprehension
7. E-mail Writing

verbal section contains the fill in blanks type english questions,easy to solve.

mental ability consists maths questions like a cube is divided into 64 parts & 1st,2nd,3rd,4th layers r painted blue,green,yellow,blue respectively.find no. cubes which is 2 side yellow painted,etc.

$a+b*c/g-e$ here $a+b=a$ is brother of b

$a*b=a$ is father of b

question on blood relations. must have the basic knowledge of DS & C,otherwise it is difficult job to clear the test.

C section has:

Extern int i;

wht value is stored in the memory

- a. 0
- b. garbage
- c. -565875
- d. error

written test is the elimination round,out of 1100 student appeared only 46 had shortlisted for next round. In next i.e. Technical round they asked abt C, digital,CN,project which i have made in final sem,be confident on wht u r saying Final in HR round they took around 1 hour for each student & finally 15 students are selected.

so best of luck guys

PRADEEP KUMAR

ARICENT PAPER ON 4TH SEPTEMBER AT BURLA,ORISSA

Hi friends ,I am GURU from university college of Engineering,burla,orissa .ARICENT came to our college on 4th sep. it had 4 stages in selection procedure.

- 1>written test
- 2>critical incident form filling
- 3>GI(group interview)
- 4>tech interview+critical incident interview

1>WRITTEN TEST

This time the pattern was different .This test was consisting of 4 sections .each paper will b given 1 after another there was sectional cut-off. so b careful.

1st was Analytical ability test including puzzle test+ statement- assumption+ logical reasoning+ statement- conclusions+ figure series etc. puzzle section was quite difficult n time taking n others easy. 30 ques were there.

2nd section was Aptitude test having 20 ques. which was very very easy. i managed to do them within 10 minutes.

3rd was Data structure which had 20 ques regarding time complexity of sorting algorithm like quick sort , merge sort also time complexity if an array consists of some particular no of elements through binary search($O(\log_2 n=?$ if $n=10$).and ques from linked list, tree(which tree is used in binary sorting). This DS section was very very easy i took only 5 minutes to do all d ques. so friends read DS very carefully , that ll help u both in written test as well as in interview.

In 4th test one has 2 opt for c or c++ or java as u strong accordingly.i chose c .there ll be 30 ques. so practising test your c skill by kanetkar ll help u a lot. One thing keep in mind that there is sectional cut-off n a good marks obtained in this round will help u much more in the selection procedure.21 out of 120 qualified for the next round. fortunately i was one of them. after the written test , all the remaining stages are open to the selected candidates.

2>CRITICAL INCIDENT FORM FILLING

After written test , we had PPT. then all candidates selected through written test were given a form having around 7 critical situation based ques and u have to answer all the ques within 30 mins. like:-----

- 1>give a recent experience where u had some proposal but u r enforced to change ur opinion while working in a team

2>give your one recent situation while working in a team dat u have managed to do some tasks at a time

3>while working in a group , how did u manage yourself to accomplish a task where u have no preliminary idea about that .

4> how did u make ur team members understand a task, while they had no knowledgeetc.

3>GROUP INTERVIEW(GI)

Here i had 12 members in my group and as i said this is not an elimination round. our topic was : "PACKAGED FOOD IS A GOOD IDEA " (as compared to the mid-day meals or hot meals delivered to school going children)

We were divided in to two groups . don't b worried u ll b given a sheet having some facts about d topic n u have 2 present your own views n not to oppose or to support others

4>TECH-INTERVIEW + CRITICAL-INTERVIEW (TI+CI)

Here u ll b asked about some technical ques as well as from critical incident form u filled up. There were 4 panels and i was d first to b interviewed in panel no.-1. my interview was @6.30pm n like this.

1>introduce yourself briefly

2>what are storage classes used in c n their advantages , disadvantages n their uses

3>do u know fibonacci series n implement it 1>using main() as recursive 2>using user defined recursive function with parameter passing 3>without parameter passing (he just wanted to know whether you have sound programming skill or not)

4>different stages of c programming

5>function used for dynamic memory allocation n their differences

6>what is data structure n ADT (abstract data type)

7>given an expression n told 2 draw d tree. then 2 find out post-order n pre-order n explanation

8>implementing doubly linked list and adding n deleting nodes at some given positions

9>difference between c n c++

10>advantages of c++

11>about new n delete operator in comparison with malloc(), calloc() and free() functions

12>why malloc() function isn't used in c++ . instead we r using new operator

13>difference between structure and class in c++

14>difference between DBMS n RDBMS (told abt E.M.CODD'S 12 rules n key concept)

15>abt 1NF and 2NF

16>some simple queries

17>abt page replacement algorithm

18>what is page fault n thrashing

19>what is synchronization n different tools

20>how to implement semaphore n monitor

21>what is deadlock n different mechanism to avoid it

22>which c/c++ compiler u r using and it's effect on size of data types. what do u mean by a 32-bits os

23>what is computer network n distinguish from distributed system

24>what is an IP, it's function n d layer on which it is used

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- 25>different version of IP addresses n explain IPV4 in details with classes
- 26>abt OSI n TCP/IP network model
- 27>application of queue n stack
- 28>abt router,bridge ,switchetc.
- 29>1-2 situation based ques
- 30>What is endianness. how can u know your computer is either little or big one. write a code to find it.
- 31>where extern n static variables are stored.
- 32>write program for binary search and derive its time complexity.
- 33>what is constructor and why it is mainly used.
- 34>what is binary search tree and it's uses
- 35>hav u any ques to me

Definitely it was too long .My interview took around 1.30 hrs n almost technical. he was very cool, helping in nature n gave some hints when not finding any idea.8 out of 21 got selected**THAT DAY WAS FOR ME AND LUCKILY I WAS ONE OF THEM**So my dear friends b cool, confident n do not try to bluff them .if u rn't finding any point , simply tell i don't know or i m not getting any point. so have faith on yourself n god .**WHEN UR DAY WILL COME , NO ONE CAN STOP U, EVEN NOT U. BUT KEEP IN MIND THAT HARD WORK ALWAYS PAYS , BCOZ GOOD LUCK COMES TO IT**

For technical, have depth concept on c, data structure , os , n/w and some fundamental concept on c++ , dbms and microprocessor .i was from computer science . for electronics student depth concept about DEC, MP & MC n N/W is essential.

All the marks starting from written test to interview round are added and on that basis selection is done. so b careful and try to have good marks in written test , more particularly in DS and c/c++/java sections.
SEE U AT ARICENT.....ALL THE BEST.....

ARICENT PAPER ON 10th SEPTEMBER

Hi dear friends,

HOPE FOR YOUR BEST.

First of all i would like to thank to GOD , my lecturers, my family members and my friends, because of there wishes only I made to aricent .
Special thanks to :Meit mahajan and aditi bhandari

I did my B.tech from institute of engineering and emerging technologies baddi, distt

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solan, himachal pradesh in june 2006.my branch was Computer science.

I will be telling you about my experience that i had during my interview. First thing i would like to tell you is that aricent was flextronics earlier.you can also check for flextronics papers on freshersworld site.

What to study for written test.

To clear written you need not study any thing particular but what you can do is ,you can go through all the previous papers present in freshersworld site. because you are never sure about what will come in the paper.But you can go through some core subjects that would help- you after written also.

In interview At the start they will ask you for your best subjects.But these subjects they want you to know about.

1.Any language C or C++

Books to be followed->

test your skills in c by kanetkar,
C by Dennis ritchie are sufficient.

Initially for written you would be given a choice for C or C++, and based upon your choice your technical interview would depend. like if you choose C you will be asked about C only, in technical interview.

2.data structures

Books to be followed->

Go through data structures by schoum series(initially) then you can go through other books also for programs in c.

prepare well on stacks,sorting algorithms,trees,queues ,linked lists, implementation in C is very important.In interview they will ask you to write programs.like add an item to list,delete a particular node,quick sort program etc
questions on trees will be there in written test.

3.operating system

Go through book by gelvin on operating system

very few questions will be there in written.But for interview you can prepare on memory management(virtual memory),paging,segmentation,semaphores, real time operating systems,and other type of operating systems,deadlock,process and different states etc.

4.computer networks

You can go through tanenboum.for CSE students only overview is sufficient like OSI,TCP IP Model

basic idea of bridges,hub,switches,gateways,routers, packet/circuit/message switching etc.

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for electronics students you can go to details of GPRS,GSM and also prepare well on digital electronics and topics like half adder,full adder X mod counter (X=5,10,20 etc) k maps

So these are the four subjects by mastering which you can be there in flextronics(Aricent)

->there will be two technical interviews by different people.usually it lasts for long time(1.5 hr average) but it depends bility like for me both last for 25 minutes approx. after that you will undergo an HR If you have cleared both the technicals then it would be just a formality. But some usual questions like your hobbies,negative and positive points.how will you manage your team members in case you are manager etc can be asked,They basically want to see how you will behave in a group,always take the descision like a team not as a single member.you should be very coperative and positive minded.

SOME GENERAL GUIDELINES

The most important thing is be particular in your answer.in case you donot know anything about something please do not guess.in this situation : "i donot know "or "i am not comfortable with this" would be the best answer.you may or may not be able to give all the answers,Don't worry in that case.if you are able to give 60 percent of the answers then you can make it.

The most important thing

like when they question you and in case you are not able to answer that ,then they will ask you another question related to that which will basically a solution to your question or some hint so listen to that carefully and use that to answer the main question. I will give you my example. in first technical he asked me

```
int x;
```

```
X=2;
```

```
Y=X>>-2;(rt shift)
```

```
print Y;
```

What will be the output?

So i was not able to recall how to represent a negative no in binary.so he asked me do you know 2's complement

I said yes and got to know that a negative no can be represented in 2's complement form.So i ussed his hint to solve that question and i used that so many times.This experience was common in second interview also.same thing happened to me and ultimately i got the answer.

->Don't get nervous in case they ask you questions just one after other very fastly they do just to check whether you can bear pressure or not,

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->look into their (interviewer's) eyes to show your confidence,

Last Most important point please keep in mind

That its God and luck above all .if its your day everything will go according to you.But if its not then.....

(HOPE FOR THE BEST AND PREPARE FOR THE WORST)

So need not worry just trust in god and do the right.In case you feel any thing to be be ambigious or you want to ask any thing you can mail me or call me.
See you in flextronics/aricent

REGARDS

Satish Bharadwaj

ARICENT INTERVIEW ON 17th JULY

The Tech interview-

Here they mostly check for your ability to code and your knowledge in networks.You need to be extremely confidant and be well versed in C or C++.

Your marks in C or C++ in written test plays a important role.Several of whom i know performed not that well in interview but had very good marks in that section.

Aricent written test mainly concentrates on your C strength.

Regarding the interview they mostly ask these type of questions
They will definitely ask u from ur area of interest.

if u have choosen os

Then read

-paging

-memory management

-process scheduling

-dead lock

-process synchronization

again from data structures

*linked list----very important.. they mostly ask u to insert and delete a node from a singly or doubly linked list...This they ask u even if ur area of interest is not DS

Trees also binary tree...

read all the sorting algorithms...

from networks

osi layer

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role of each layer

protocols in each layer

HTTP

DHCP

*Router and a switch-Router works on network and switch on data link layer

Gateway...which layer does it work on..mostly all seven layers

gateway and firewall

Basics of networks is a must with out which its very difficult..

Then next is c programmin

They mostly ask u to code the linked list..

other things tat they often ask is string manipulation programs

like strcat,strlen,strcmp....

u have to write code to perform tat...

they also asked the different types of variables in c--external,static,local ,global...

Thats all..

Well aricent there is no standard tat they choose a particular question always. mostly in chennai these are the possible questions....They are not exhaustive..Usually some interviewers ask questions from all the subjects thats a rare chance..

Remember with out basic networks and basic C knowledge its really difficult to clear aricent....

ARICENT PAPER ON 19th JULY

hi this is sunil kumar garg from national institute of technology, jamshedpur . today i m going to share with u mine experience of aricent campus placement

first of all i start with written test.....there is no negative marking.....u will get every section separately.....mean u will get first one first n before completion of its time u will be given

next one....n u will be asked to stop first one a do next one.....one thing i want to tell.....this process is really pressure creating....n u will have to be calm n cool

some of ur section may be screwed up but don't screw paper next to it.....u have to qualify only in screwed up paper.

Section 7: E-mail writing:

in 5 min u have to read question as well write the mail on certain condition. mine condition was.....

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there is a cloth show room.....which pay back amount within the 3 days of purchase....a lady asked to refund the amount after one week.....

u r manager of showroom and u have to write apology mail to her.

Section 6: Comprehension

u will be given one comprehension most probably on some technical issue.....i was given on sso.

it will be followed by 10 question.

In my coll question n comprehension was given together but question may not be given with comprehension.

first of u will have to read the comprehension n then u will have to answer that question without looking back to ur passage.

Section 5: C or C++ (choice is urs)

i have chosen c n kanitkar book was very help to me.....if u want to qualify..... u have to be very good in this section.

question were on increment operator decrement operator.....pointer.....variable passing to function.....array.....enum....structure.....file.

question was very basic.....go through objective book of kanitkar.....u can't do without it.....u need a practice.

Section 4: Operating system, data structure and algorithm

frankly speaking.....i m very good in data structure.....but it is not worth will to attempt it first.....as it has long cords and u have to find o/p

or error.....attempt operating system first and then algo.....

If u will go for data structure first u will certainly get screwed....have a good concept of operating system.....

Section 3: Mental ability.....

It was damn easy.....u have to score a good marks in it....if want an edge over other....practice more through....any marittrack paper as of accenture or ibm.

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Section 2: Analytical ability.....

don't mess up with a particular problem.....u can't solve all....just chose easy one and do it

because of time limit u can't do all....so why not to accept easy one. practice ibm or accenture paper.

Section 1: Verbal ability

practice.....articles n preposition.....don't take it easy.....smtime it may screw u.

u may think that u have screwed up ur paper.....but don't give up.....bcoz every one have done the same.

now it is time of interview.....

panel was very cool.....doing everything themselves.....very down to earth.

I was first for interview.....The person who was taking interview come outside n escorted me to the interview table.

I wished him.....he asked me to give an introduction of myself. Meanwhile he was seeing mine profile.....from up to down.....for that I was ready.....n u may say it ws my luck.....I had a lot of certificate to show.

He was very much impressed.....He asked me about my different subject from first semester.....frankly speaking I was frightened.....i couldn't tell him. Who remember.....what is chemistry and mechanics.

But suddenly he stopped asking all that. He asked me the difference between unix n linux. I screwed up.....

After that he asked me about mine favorite subject.....i told computers networks.

He asked what it is.....I defined.....

He told me to draw a network.....i draw an hybrid one.....he asked me about token ring.....i answered satisfactorily.....then he came to different layers....asked different function of all.....then why tcp/ip.....what it is.....if not then what.....i answered satisfactorily.....

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After that he asked me to write a program of factorial that compile in first go without any warning or error. I did with for loop. He then asked me to write with recursion.....I did..

Consider all condition of negative and positive. Never skip up any condition....

After that he came to operating system and asked about interrupt.....described it to his satisfaction including all taking from interruption handling n mode switch n context switch.

Completed.....tech

I was relaxing.....suddenly one member came from came n asked me to follow him.

I did.

After going into the room, he told me that he will talk more on programmingat that time I was really scared.....bcoz I was expecting hr. he gave me a program to write.

Conditin was as follows.....

U have to take one number from user of integer type. It is of 32 bit and u have to count the number of 1 and 0 in it. I did it.....it was a good program.....n u can't do it without practice.....so if u want to get into it.....practice programming on paper not directly on moniter.....bcoz writing code on paper is really tough.

After that he asked me question on unix.....a senario created that make me laugh today itself.....

He asked me that u don't know unix n want to learn it.....what u will do it?

I told that first of all i will purchase a book n try to read it.....if find any difficulty then consult to faculty then to my senior. He told me that let u don't have any of this thing then what u will do? I told that I will use my internet.....will go to google and type unix tutorial.....he startes to smile.....then he asked me that do u know what a 'MAN' is?

I replied the appropriate answer.....that it is a command to know about a particular command. He told me that can't u use it.....that time I told him that.....sir u told that u don't know unix....then how I will able to use it.....n my comp may not have unix install in it.....he started to laugh.....he was impressed....

Then he asked me about.....networking(tcp/udp/ip), message passing in operating system.....mine second round of tech was superb.

Then after 3 hours I was called for hr.....asked me about mine background and mine family background.....it was 4th company in my campus.....he asked me about any

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offer from other company.....i told him that I m sitting for campus interview for the first time. I didn't appear for any other company.....he was shocked.....he asked reason.....I repeated the same lines what he had told in the ppt 2 days before campus.

Then he asked how u can take such a risk to leave all other company....i told that I was a bit confident.....that I will get through this exam.....then he told me that u r not....u have done so bad in ur tech.....now what u will do next.....I told that after result declaration I will get feebback from u and after improving myself on certain areas I will apply for off campus if not selected from this campus.....he was very much satisfied.....then he asked me about mine preferable location to work bcoz I had left that column blank in the form what they had given.....i told that.....as gurgaon, chnnei and bangalore all r new to me.....i don't mind working anywhere as I have to explore any of these cities.....he told me that's ok.....n wishes me a good luck.

Wish to see u all in aricent.....have a good luck.....

ARICENT PAPER ON 21st JANUARY AT DELHI

Hello Everyone!!!

Selection Procedure:

Written Test : duration 1hr 50 mins

Technical Interview (can be more than 1)

HR

In written test there are 7 section of each 10-20 minuts duration:

1. Verbal(English)
2. Aptitude
3. Mental Ability.
4. Data Structures and OS(20 questions,20 mins)
5. C or C++ (20 questions,20 mins)
6. Comprehension(15minute reading time +10minutes,10 questions)
7. E-mail writing (5 minutes)

There is a sectional cutoff for each section. So please be prepared and manage your time accordingly. When given time for each section is over, paper is collected back, to create pressure on the candidate.

1) Verbal section contains some easy questions like :

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fill in the blanks, abbreviations, vocabulary...

2) Aptitude section contains mainly a set based questions...just go through the basic set formulas. There were around 5 questions from sets.

3) Mental Ability: there were very easy questions like

Identify the correct match

1114422343243

a) 1114422344243 b) 111442224243 c) 1114422343243

4) Data Structures and OS

Here incomplete codes were given, using queues , trees, linked list etc and we were required to select the correct code from the options given, which will give the correct output.

From OS questions were from context switching, throughput...

5) C or C++

I opted for C. few questions were very easy, but rest were quite difficult.

1 question was on memmap() function

there was a question like

Q. float f =11.002

```
if(f < 11.002)
```

```
printf(...)
```

```
else
```

printf(...)

6) Comprehension.

They will give u 10-15 mins to read the comprehension. And after that questions will b given to you n comprehension paper will not be with you at that time.

My topic of comprehension was on new software for user authentication.

7)Email Writing

here in 10-15mins are given to you to write an professional email.

Situation was like this:

There is a readymade garments showroom F Folio, whose very loyal customer Ms.Preeti wants to return the suit she bought 2 weeks before. And according to the company policy, goods can only b returned within 3 days of purchase. Thereafter no returns are accepted. So kindly write an email to Ms.Preeti that you can't take goods back once sold after 3 days of purchase.

I had a technical interview, after 2 days of my test. In technical interview, they ask questions mostly from OS, Networking, DS. They started with the last project I did.

- Normalization from (1NF – 4NF)
- Best algo to sort student table, on the basis of marks.
- Join query

- Program to implement quick sort, right from the beginning including stack
- Sparse matrices concept, prog and what is the need of it

- Complexity of quick sort and bubble sort

- Zombie process

- Three way handshake in tcp/ip

- Scheduling algos in os

- Case in which fcfs is the best algo

- How semaphores are implemented
- Prog to reverse a singly linked list

- Prog to remove a node from a doubly linked list
- Devices used in each layer of osi model
- Protocols used at data link layer
- Multilevel feedback queue concept

HR Interview

My hr interview was held on telephone, reason being, after my technical round, no hr was present there at that moment. HR interview is mere a formality. Around 90% of the students were through with this round.

Questions in HR interview :

- Introduction
- Family background
- How do feel like to be a younger brother. If given a chance what would you like to be elder or younger brother.
- Interest (development/ testing) n y?
- R u placed somewhere and if yes then y do u want to join aricent
- Relocation?
- Have you ever worked in a team? N if yes what have u learned from it?
- Asked to speak on a topic “growth”.
- Any questions?

I am through with final round ... hope to c u in aricent...

ARICENT PAPER ON 25th FEBRUARY AT DELHI

Hi frnds!

I am going to share my recent experience with Aricent. I hope it will help you to prepare for the Off Campuses. The written test was held on 25-feb (sunday), it was an invitation based selection process.

Written Exam

Aricent Written exam has 7 sections. Each section has 10/15/20 questions and the time given is 1 min per question. So be carefull.

1) simple english (prepositions, verbs etc.). you can easily clear this section if u have general idea about english grammer. You can follow any english book if u have problem like new style etc.

2) reasoning . this section has reasoning questions based on puzzles, seating arrangements, cubes puzzles etc. R.s Agarwal is sufficient

3) quntitative . it has ques like sets using venn diagrams, time and work etc.R.s agarwal is sufficient here again.

4) DS and OS. It is the most difficult section as I feel. It has 20 ques and and 20 mins duration. DS was tough and you should be well prepared with trees, graphs and sorting (with programs). there was prog with 1-2 pages to find output or error. 1 question from UNIX also.

5)C/C++. next section is of C or C++ programming. they will ask u to have one lang. C paper is full of pointers and strings, arrays and other questions. Prefer Exploring c and pointers in c to solve. I opted for C.

6) This section is unseen passage. Not very tough english but the questions are confusing. you should read the pessage at least twice.
I got 15 mins to read it and thereafter given ques based on it with duration of 10 min for 10 ques.

7) the last section is E-mail writing. They assigned a problem specification and you have 5 mins to write email. try to write it in professional way using proper grammer punctuation and english.

I have given that a regular customer of a store wants to exchange the costume after 5 days but the store rules says it should be exchanged within 3 days.So how can u deny for xchange ?

They declared the result after 1 hour and I have cleared the Written exam.

ARICENT PAPER ON 26th DECEMBER AT JAIPUR

Hi Friends,

I am Abhishek Agarwal of student St. Margaret Engineering College, Neemrana(Rajasthan University). I have attended the Aricent On 26th December 2006 in Jaipur Campus at JECRC college. Some of the question I have remembered. There is a choice in b/w c/c++. I have taken C.

There are 7 section of each 10-20 minuts duration:

1. Verbal(English)
2. Aptitude
3. Mental Ability.
4. Data Structures and OS(20 questions,20 mins)
5. C or C++ (20 questions,20 mins)
6. Comprehension(15minute reading time +10minutes,10 questions)
7. E-mail writing (5 minutes)

1) Verbal section contains some easy questions like :

fill in the blanks, abbreviations, vocabulary etc.

2) Aptitude section contains mainly a set based questions which u can solve easile with the help of venn diagram.

3) In the mental ability section there were a series of 12 digit numbers or 12 letter words were given and one had to identify the similar numbers or words, you only need to concentrate hard for this section. There were questions such as $2+3*4/5-9$,if '+' is replaced by '*', '/' by '-',..... what would be the value.

4) Data structure , C, OS & networking Question(quite tuff mainly C section(structure programming)): some of the questions are

1) What is POSIX(ans: It is an advanced version operating system of unix)

2) void main()

```
{  
int i=-3,j=2,k=-1,m;  
m=++i||++j&&k;  
printf("%d%d%d%d",i,j,k,m);
```

}

What will be the output ?

3) which is not a condition for a deadlock?

4) In which sorting we use the partition approach?

5) They are asking an output of c programs which are on linked list. So be prepared with structure programming.(about 50% of this section is based on C and other 50% includes other subjects. They are mainly emphasis on C language, so you have to be well prepared for C language).

5) C section:

1) What is this called (char *) (*(A[X] ()) ())(something like this).

2) There are some basic questions of C. You can easily output them. I don't remembered exactly the programs but they are quite bit easy as the previous section.

6) Comprehension:

There is a passage of 2-3 pages long. They give you 15 minutes for reading & 10 minutes for questions-Answering.

My Passage was on fetures of USB drive:

1)What is USB.

2) what are the component associated with it.

3) what are the advantage/ disadvantage of using USB.

4) Internal structure of USB.etc.

7) E-Mail writing: I am manager of Reader Digest company which is used to publishing the Magazines every month. One of your customer who is with you for many years, not purchasing your magazines before 6 month. Write an E-mail to know the reason whats the problem exactly & force him to read your magazines. E-mail should be in 50-100 words long.

Technical Interview:

I got selected in written test but not in technical interview. They are taking technical interview of about one & half hour. One of the girl has her technical interview of about two & half hour.

Firstly they are asking about your project. So be prepared with your projects. Then they are emphasis on C programming. Be prepared with the structure programming. They are giving you to write a program of using structure, union and to find the size of the structure like:

Struct str

```
{  
  
int a;  
int *b  
float c;  
char d;  
char *d;  
union  
  
{  
  
int ui;  
char uc;  
  
};  
  
};
```

calculate the size of the structure?

There are so many programmes which they can give to you. They are also asking the programs of FILE pointer and performing some manipulation on it. Storage classes, Difference between Macro & functions, What are Macro etc. After that they are asking from data structure like array manipulations, Linked list programs etc. After that they are asking from networking like Start from OSI reference model and goes into depth of the model like they are asking about the practical approach of TCP & UDP protocols. List of protocols at each & every layer of the OSI reference Model.. Working of each protocol. What are the algorithms used at each layer etc.

ARICENT PAPER ON 27th AUGUST AT MADURAI

Hi frnz, im abt 2 tell u abt my experience with aricent..... they conducted 3 rounds for us

1. Aptitude Test

they had around 3 sections like analytical abilities in which they asked about relationships, pattern matching, data sufficiency problem, figure analysis u need to learn from verbal and non verbal reasoning of r.s agarwal is enough then mental ability and detailed analysis... in which they will be asking questions like $\frac{2}{3} \times 4 - 5$ in which + stands for -, - stands for *, * stands for /, / stands for + then u ll b havin C and data structures learn from test ur c skills

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it was for 1 hr. they had sme 20 questions frm data structures and 30 questions frm C. questions like wat is the time taken to find an element in a binary search tree

1. $O(\log n)$
2. $O(n/2)$
3. $O(n-1/2)$
4. $O(n+1/2)$

they will gve a code and ask to find out to which sorting it belongs to... which sorting tech has same complexity for worst case,in c questions frm unary operators, strings were asked practise well with analytical abilities as u may face shortage of time....

2. Group Discussion

they ll grp us into 10 members each and they ll gve us the topic and description abt it some time to thnk over the topic... i thnk it went for 30 mins they gave us the topic " TOO MUCH CRICKET WILL KILL THE GAME"

3. then v had a tech interview

1. introduce urself
2. w a p to find factorial of a num using recursion
3. to find rev of a string using recursion
4. to merge 2 linked lists
5. to find a word in a file
6. as he was impressed by my code he asked me easy quests he asked me abt storage classes in c, diff bet hubs and switches, sockets in java he asked me questions frm critical section as he was impressed by my ans he asked me for developwer or tester... i said both so he asked me any quests for him... then i asked sme blah blah he smiled at me

then results were announced at 11 in the n8 god's grace i was selected...

so frnz its an easy job... dnt worry be confident

ARICENT PAPER ON 8TH AUGUST AT BANGALORE

Hi frndz, My self Md. Hasnain from BMS College of Engg, Bangalore S7 solution came to our campus on 8th of August 2008, so i m giving the questions what i have. There was written test, technical and then hr round.

The duration of the written test was one hour.

There is three sections A,B,C.

SECTION A:- All questions in this section are compulsory.

1. A bottle and a cap totally cost 110 rupees. Bottle costs 100 rupees more than cap. What is the cost of bottle and cap ?
2. Given a number N, print all factors of N?

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3. A real number Y is chosen at random such that $0 \leq y \leq 100$. What is the probability that $y - \text{floor}(y) > 1/3$.

SECTION B:- Answer any 3 out of the 4 questions below. Score is awarded based on the space and time complexity of the program.

1. Given an array of integers (positive or negative) find a continuous sequence of elements that gives the maximum sum and print that max. sum. (Extra points if you can give an $O(n)$ solution).

Example Input:- {1,2,-5,6,9,0,-10,4}

Output:- 15

2. Given two strings $S1$ and $S2$ find if $S2$ can be formed by a circular shift of $S1$.

Example Input:- ASDF DFAS

Output:- True.

Example Input:- ASDF FDSA

Output:- False.

3. Write a program to reverse words in a string. Please note that you must not reverse the characters but reverse the words. (Extra points if you can reverse it in-place without using additional space).

Example Input:- "This is an example"

Output:- "example an is This"

4. Given an integer array find the longest sequence of non-decreasing numbers. In case of a tie, print that series that appears first in input.

Example Input:- {5 10 15 12 13 17 19 13 14}

Output:- {12 13 17 19}

SECTION C:- Answer any 2 out of the 3 questions below.

1. Given a 2-dimensional grid of integers, find a rectangle with maximum sum and print the sum.

Example Input:-

-2 5 7

1 0 -9

7 8 9

Output:- 25

2. Given a set of integers, print the powerset of the given set.

Example Input:- {1,2,3}

Output:-

1

2

3

1 2

1 3

2 3
1 2 3

3. You are given an image of a surface photographed by a satellite. The image is a bitmap where water is marked by '.' and land is marked by '*'. Adjacent group of '*'s form an island. (Two '*' are adjacent if they are horizontal, vertical or diagonal neighbours). Your task is to print the number of islands in the bitmap.

Example Input:-

```
.....**
**.....***

.....
. *
*.....*
*.....*
*.....*
```

Output:- 5

I have given all the questions, hope it will help in your preparations. I didn't get placed to this company but after that I got placed in Aricent so friends be confident and do well. Remember only three things.....Hardwork, Confidence, Luck...All the best..