Co-Op Quiz

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Year of Graduation : 2016 expected

Major : Masters in Computer Science

1. Your commitment to a specific co-op assignment starts when you (Check one):

☐ A.  Start work.

☐ B.  Sign the "Co-op Acceptance Agreement Form”

☐ C.  First tell either your Co-op Coordinator or the employer that you accept the position.

☐ D.  Receive a written confirmation letter and or offer letter from the employer.

**Answer : B**

2. If you encounter a problem on the co-op assignment, you should (Check one):

☐ A.  Complain to your friends and co-workers.

☐ B.  Quit your job.

☐ C.  Hang on until the end of the semester; it’s only a few weeks away.

☐ D.  Discuss it with your supervisor and your co-op coordinator.

**Answer : D**

3. In many technical and professional fields, in order to work in research, product development, or marketing activities that generate patentable or confidential information, you may be asked to sign an agreement that protects the employer from unauthorized disclosure of such information. This is called a “non-disclosure document.” You are legally bound by this agreement’s terms in all cases. Information you gather on such a co-op cannot be used in any projects, term papers, or reports unless your employer signs a release, which you must append to the project paper, or report.  Explain why it’s important to sign such a document.

**Answer :- Products the we develop is generally is of cutting edge technologies. In order to keep ahead of competition and market advantage , its is crucial for organisation to maintain the secrecy of the product. Hence, NDA comes into picture, where the organisation make sure that the product they develop will create enough customer interest.**

4. Describe what you must do in times of absences and medical leaves from work.

Answer:- Must inform immediate supervisor by phone or email as there would be multiple dependencies in case of unknown absence .

5. Identify 3 goals you hope to achieve from your co-op experience.

**Answer :-**

**1> Industrial exposure with top notch organisation in cutting edge technologies**

**2> Build Network in order to explore the opportunities across.**

**3> Financial gain so that I can independently cover my cost of rest of education.**

6. What do you believe your co-op employer will expect from you on your co-op assignment(s)?

**Answer :- Technical skills , learning abilities , attitude , long term growth , ability to manage projects across, ability to manage work pressure, time punctuality etc.**

7.  Why did you choose this field of study (computer science, engineering management or information systems)?

**Answer :- I was always fascinated by the technologies and the creativity it brings. Computers in general where we could create / develop entire new softwares, which helps people , I feel no other profession can be as novel as this. I was drawn to this world where I can really be contributing my effort which eventually going to create values.**

8. Why did you choose Northeastern University?

**Answer :-  Considering the options I had, Northeastern University was way ahead in terms of brand, offerings and career growth.**

9. What are your greatest strengths and weaknesses?

**Answer :-  I think I am very hardworking , strict to timeline and have more practical approach which is equally bad as I will try to stretch the boundary more often causing horrible consequences.**

**I have a severe weakness in the area of social grounds and communications.Also, I feel lack of confidence in demanding occasions.**

10.  Why should an employer hire you?

**Answer :- Dedication and diligence is the area which I feel I will outshine most of the other candidates. Also , the expertise and experience is another area where I could be more productive than rest of the individuals.**

11.  In what ways do you think you can make a contribution to a company?

**Answer :-  I have worked in multiple level of individual contribution. From the module development and ownership to full fledge product line development and maintenance. I could be someone organisation can place anywhere and expect the growth and productivity.**

12. What kind of supervisor would provide the best-quality learning experience for you?

**Answer :- I think I would seek more practical , knowledge orientated and “non-micro management type” individuals.**

13. What two or three accomplishments in your life have given you the most satisfaction?  Why?

**Answer :-**

**1> My education is utmost of all as I stood up from a place where there is absolute remote chance anyone could make it up to undergraduation, forget about graduation.**

**2> Some of the products that I have created and contributed have significantly impacted my life and I can stand today having done that, I really have done something productive.**

**3> As I have almost mentioned everything that I have ever could do but my enthusiasm didn’t stop me here and have a significant bucket-list of pending items, yet to be done.**

14. Describe a time when you solved a major problem as part of a team.

**Answer :-  Multiple occurrences comes to my mind. Here is one of them, have you heard of “Nokia’s Pure View ”?, it is wopping 41 MP camera in your mobile phone and we were the first in the world to create it. I was the person who flagged it “good to go” for production.**

**So, it was a friday and we need to deliver by tuesday, we went home as everything was fine, till on sunday morning , R&D head calls me and wants me at office. Something went horribly wrong as one of the major functionality was broken by platform code change. Took straight 20 hours to understand and fix it and was awarded performance award for not delaying in delivery Manager**.

15. Why is a manhole cover round?

**Answer :- Multiple reason, its easy to maneuver unlike square / rectangle where we need to match corner and all.   Secondly, a round manhole cover cannot fall through its circular opening, whereas a square manhole cover could fall in if it were inserted diagonally in the hole. Third, easy to roll while transferring etc.**

TELL US ABOUT YOURSELF:

16. Type up a one- to two-page autobiography (double-spaced).

This should be an example of your best writing ability.  Please share what you are comfortable sharing.  You could include the basics such as:

Where you were born; grew up; have lived; special people in your life; special events that have You could choose to be creative.  Either way, we are looking forward to getting to know you.

End with your personal and professional goals/objectives for now and the future.

affected who you are;

These should include:

What type of job do you envision for yourself upon graduation?

What sorts of co-op jobs will you look for to help you reach that goal?

What do you hope to gain from your experiences at Northeastern?

What is your ultimate career goal (e.g., "I will become the CIO/CTO of Sun Microsystems" or

"I will start my own business and become the next Bill Gates.")? Write a brief paragraph to

explain.

**AUTOBIOGRAPHY**

It is said, “The measure of our life is not how we live our life but how we touch

the numerous other lives around us”. I always have lived with it. I grew up from the

foothills of the mighty Himalayas, where the life is not easy for the people around us

yet , I found the immense potential to explore not only the raw nature but to build

things that create value to the people living along with it. My thirst of engineering was

evident within me in the very early stage of my life, I was more fascinated by how the

small things fits together to make something that has an intrinsic value of the scale,

which helps people in their regular life. The involvement of the technology to solve

to solve the problem was something that compelled me to study the field of Science

and Technology.

It was in the junior high, when I stood exceptional in the subjects related

science. I was not only curious to understand complexity, but was successfully able

to correlate them and hence fetching excellent marks academically. In class 10th

board Exam, I scored the highest marks from my schools in mathematics and was

awarded with the prestigious PR Pradhan Memorial Award. Moving further, my

undergraduate degree in computer science, I was not only able to understand this

technology but the excellence I developed was immense. The career, I always

wished was started right there. My enthusiasm were in sync with almost all subjects

of my department, which projected in my grades and so I was ranked as the topper

of Computer Science Department.

The year of The Great Recession, 2008, when we saw the effect of globalized

business getting impacted from one another. It was also the same year, when I

started my professional career in IT industry. The organization “Sasken

Communication Technologies” was my choice among the many, who offered me

software job after graduation. My first project, Linux Mobility (LiMo), didn’t last

longer, yet the first exposure to the corporate software development and the learning

is measured to be one of the highly valuable stepping-stone for my professional

achievement.

In order to make something remarkable, the next assignment of Research

and Development project from Nortel was the best of the options I could have gotten.

I took it pretty seriously and enjoyed every moment working on it, where I spent

nearly two years, working for the cutting edge Network and Communication

equipment’s and Technologies. Then the most valuable opportunity came to me.

Nokia India R&D  (Then Market Leader), offered me a R&D Software Engineer role,

which added a whole lot of era in my career. As, I went on to work with Nokia; I met

with some of the incredible peoples. We a team of 52 Engineers had developed

, entire middleware for app integration and app store support for Symbian devices.

Also, I was the part of only 14 members from India R&D unit to contribute into

Nokia’s Symbian’s first pure view (41 MP Camera) phone development. However,

due to the intense market pressure and some of the key decision made by

management, Nokia Business started to go down. The Symbian Operating system,

of which we were part of was being diluted to Accenture and with this dissolution of

Nokia to Accenture, we along with entire team moved to Accenture, where I

contributed to Windows Phone 7 app logger and the Web Services integration of

NetSuite (Software as a Service in Cloud Classification). Challenge is what drives

the people. So, I thought of moving on to the next level of my career and I choose to

be the part of a startup organization. I am worked for an Indian startup organization

named “Canvera”, where I was responsible for multiple projects , which was core of

Canvera’s day-to-day business.

During my professional career, I have been an active member of the tech

forum called “Careercup.com”, where I have been contributing my ideas for the

correct approach of software development. I am also the member of algogeeks in

Google forum for software developer. Because of my curiosity and keenness to

get into the open source software development, I hold a subscription of OpenMPI

and Webkit. As innovation drives the whole IT industry and so I had contributed

couple of open ideas during Nokia Message Summit (SMS / MMS text search).

Also, I have my own website named “Madworlds.com”, which is wholly owned,

designed and developed by myself.

I choose to pursue my Masters because the thing I could clearly see in my

past experiences is the lack of specialization. I have worked in Mobility, Desktop

Applications, Cloud as well as Web but all these are completely different areas of

software development. My ambition to work and contribute globally cannot be

completely fulfilled if I didn’t push myself  into the academic life once again.

In the current world, one thing that became evident to me is the importance of

computers and its interconnection with the human lives. With each piece of software

we can change the world, help the people, make their life simple and be the part of

them and I find myself lucky to have found this opportunity to be the part of this

technology by which I could reach out to numerous people and touch their lives.

Prem Krishna Chettri