Aman Garg
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Career Objective:

To be a professional software developer , analyzer and to be able to provide
vivid computational perspective on a given problem set.

Educational Qualifications:

Degree	Examination	Institution	Year Of Passing	Performance
B.Tech	C.S.E	Dr. B.R Ambedkar National Institute Of Technology, Jalandhar	Pursuing	9.01 CGPA
12th	C.B.S.E	Army Public School Kirkee, Pune	2013	95.4%
10th	C.B.S.E	Army Public School Kirkee, Pune	2011	10.0 CGPA

Technical Skills:

Programming Languages: C, C++, JAVA, Python , Ruby , Haskell, SQL
(From CodeCademy->) HTML , CSS , JavaScript
Conceptual :   Data Structures, Network Theory, Discrete Mathematics,
Database Management, Algorithmic Analysis
Additional :   Linux Proficiency , Angular JS (CodeCademy)

Projects and Seminars:

A) Study Of Boolean Networks using Computational Biology :
An attempt to model biological cells and their interactions as a directed graph and to study
their properties. (JAVA) The base model comprises of getting the input in the form of (n)
boolean functions. After studying functional decomposition of a function in respect to other
given functions, model an interaction graph that depicts the flow between any two functions.
Ulterior motive was to generalize the results for n functions.

Guided By: Mr. Ranjeet Rout (Professor, C.S.E) , Duration: 2 Months (Sep-Nov 2015)

B) Developed an Android App to aid Hostel Administration (Ongoing Team):
To aid the hostel staff and to bring transparency in the functioning of the Hostel Mess, an
initiative was taken to develop an Android app (Android Studio) wherein the users could
have a complete look over their monthly diets, their respective charges, etc. Provision to set
the student mess off when during leave marked a key function.

<u>C)</u> Implementing RIP Protocol using POSIX Threads in C:

Goal was to emulate the working of routers within a network in a way such that any change in the network profile (addition of a new router, deletion of a router, failure of a link, re-establishment of the link) was propagated in a timely manner.

<u>Guided By:</u> Mr. Ashish Kumar (Professor, C.S.E) , Duration: 1 week (Nov 2015)

<u>Area Of Interest:</u>

Functional Programming, to reduce complexity of code.
Linux System Administration
Efficient Data Structures and Algorithms

<u>Awards and Achievements:</u>

1) Organised workshops for Linux Administration for the sophomore students.
2) Part of the team that conducted the 'Command Line Explorer' (Linux Event
3) Stood 6th in the Test Of Potential , an event at TechNITI 13 (2013)
4) Winning team of the Inter Year Basket Ball (2013) during college Sports Fest

<u>Hobbies and Strengths:</u>

1) Playing basketball and swimming.
2) Listening to music and learning about the world history.

1) Focussed and committed
2) Dependable and motivated
3) Easily adaptable with newer trends

<u>Personal Information:</u>

<u>Name:</u>   Aman Garg
<u>Father's Name:</u>   Col. Pawan Kumar Garg
<u>Date Of Birth:</u>   12-09-1995
<u>Address:</u>   C-8/82 , Sector-8 , Rohini, New Delhi 110085
<u>Gender:</u>   Male
<u>Languages:</u>   Hindi (Fluent)
                   English (Fluent)
                   German (Familiar)

<u>Place:</u>   <u>Signature:</u>

<u>Date:</u>

<u>Declaration:</u>
I hereby declare that the above mentioned information is true to the best of my knowledge.