CURRICULUM - VITAE

Abhinav Gangwar

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Career Objective:

To serve in a progressive and innovative organization that gives scope to apply my knowledge and skills.

Personal Details:

Name: Abhinav Gangwar
Date of Birth: 10th july , 1994
Sex: Male
Nationality: Indian
Marital Status: Unmarried
Languages known: English, Hindi

Educational Qualifications:

Degree/Class	University/ Board	Major	Year	CGPI */ Percentage
Bachelor of Technology	National Institute of Technology, Hamirpur, Himachal Pradesh	Electronics and Communication Engineering	2011-2015	7.19/10
12th	CBSE	Physics, Chemistry, Mathematics	2011	72.4%
10th	CBSE	Science, Mathematics	2009	80.8%

* B.Tech marks (CGPI) up till 7th semester.

Internship/Training:

1. Internship at **Google Summer of Code (GSoC) Summer 2014**
   - Designed an educational game using Marble (a virtual globe) under KDE .
     o Fixed lots of missing bits in Marble library to be able to implement games.
     o Added a political map to Marble .
     o Added support to download remote images specified in .kml files.
     o Based on this political map, I designed three games – 1. Identify the country shape, 2. Identify the flag and 3. Identify the location of a country on map .

(My blog explains all these changes in detail.)

2. **Mentoring Google Summer of Code project** to port Marble to Android using Qt for Android.

Languages and Technical Skills:

- C++; C; SQL; KML

- Qt, KDevelop, Vim, SHP API .

Projects:

- **Electronic Diary Manager** **(June 2013)** A simple application which allows users to write/read their diary entries. The program can register multiple users with a user name and password. After successful login user is given access to diary contents.

- **Hex Board Game** **(November 2013)** Implemented Hex (Board Game) as part of assignment for online course C++ For C Programmers .

- **Text Editor** Using Qml/Qt-C++ (April 2014) A text editor providing basic operations like open, save, copy, paste etc. , designed with nice user interface and animations.

- **Gesture Controlled Robot** **(October 2013)** As a part of ARM design challenge 2013, with a team of 3 students, designed a gesture controlled robot using accelerometer and mbed kits LPC 1768 and LPC 11U24 based on ARM processors cortex M3 and M0 respectively.

- Also, I'm contributing to improve open source projects.

Additional Experience And Awards

- Got 1st place in ARM Design Challenge held in NIT Hamirpur, 2013 .

- Online Courses on coursera: • C++ for C programmers . • Algorithms: Design and Analysis, Part 1

- Active member for 'Society for Promotion of Electronics Culture' (SPEC) .

- An active member of Linux User Group NIT Hamirpur (GLUG)

Hobbies:

- Writing poems.
- Playing badminton and video games.
- Travelling, cooking and Nature Photography
- Listening music

Extra-Curricular Activities:

- Executive member Of Organisation Club of college fest and involved in various social activities.
- Executive member of "prayas" a non-profitable organisation at college to teach poor children.

Declaration

I hereby certify that all information provided above is true to be best of my knowledge and belief.

Abhinav Gangwar
Place- Hamirpur, H.P.