

Shubham Chaudhary

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UIET, Panjab University, 2011-2015
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Education

B.E., CSE	UIET, Panjab University, Chandigarh	7.13	2015
CBSE, 12th	Apex Public School, Fatehabad, Haryana	76%	2010
CBSE, 10th	Daffodils Public School, Fatehabad, Haryana	86%	2008

Work Experience

Intern, CARTS 2014 to Present
IIT Bombay Mumbai, Maharashtra

Created a machine learning algorithm to automate the detection of a public transport boarding event using accelerometer sensor data under ITRA, Govt. of India sponsored project CARTS during summer internship.

- Developed an Android application based on the research gathered to detect the bus boarding event.
- Writing a research paper as Minor Project that will be submitted in COMSNET conference.

Founder 2014 to Present
Develop Freedom Panjab University

Established an open-source organisation to help college students develop quality products using test-driven development and continuous integration

CEO 2014 to 2014
Peplet Inc. Chandigarh, India

Managed a team of four software engineers to develop Android applications focused on the use of artificial intelligence to automate different tasks using a smartphone

Google Code-In Mentor 2013 to 2014
Google San Francisco Bay Area

Supervised 4 students during Google Code-In 2013 assisting through the patch review/submission process.

Software Developer 2013 to 2014
KDE e.V. Berlin, Germany

Worked on JuK music manager as an intern under SOK - Season of KDE. Submitted patches to KDevelop - an IDE for C/C++/Qt projects. Established branches for Music Device Synchronization feature in JuK music manager. Acquired the ability to dive into huge C++ codebases.

Skills

- Languages: C, C++, Python, Shell Scripting, Android, Java, MATLAB
- Softwares: Gnu Debugger, Memory profilers, Vim, Android Studio, Eclipse
- Technologies: Distributed version control systems, Git, CI, Qt, Make, CMake

Activities and Honors

- **Google APAC**, *Google*, 2014. Ranked 464 among 5000 participants all over the globe. APAC is a programming contest based on CodeJam.
- **ICPC Asia Regional Finals Participant**, *ACM*, 2013. Represented UIET in the most reputed ACM-ICPC International Collegiate Programming Contest Asia Regional Finals.
- **Aspiration 2020 College topper**, *Infosys*, 2013. Represented UIET in the state level DC final at Infosys development centre in Chandigarh after topping college level programming contest solving 4/4 problems.
- **Winner: C-Code Cracker**, *Technical Committee*, UIET, Panjab University, 2012. Topped the Technical Committee event for 1st and 2nd year students by scoring 5/5 problems.

Volunteer

Speaker 2014
KDE e.V. Gandhinagar, Gujarat
Elucidated the development of kde-multimedia in the biggest developer conference of KDE in India.

SFD Team Leader 2013
Managed a team of size 10 to organize DFF sponsored two day workshop for new FOSS developers

Tutor/Team Leader 2013 to 2014
Codechef Campus Chapter
Co-founded a programming committee to foster competitive programming in college. Tutored DS and Algorithms.