

SHUBHAM CHAUDHARY

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EDUCATION

UIET, Panjab University, Chandigarh
B.E. in Computer Science & Engineering
Overall GPA: 7.13

June 2015

EXPERIENCE

ThoughtWorks Inc.

Intern, Application Developer

Jan 2015 to May 2015

Gurgaon, India

- Part of a team working on healthcare industry project for a company that builds Disinfection Robots
- Developed an Android application which controls the functioning of Disinfection Robots.
- Created REST API to interact with other third party systems.
- Worked on a web based system which takes care of all the hospital management functionalities, client management functionalities, robot management functionalities, etc.

IIT Bombay

Intern, CARTS

2014 to Present

Mumbai, India

- 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.

Develop Freedom

Founder

2014 to Present

github.com/DevelopFreedom

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

Peplet Inc.

CEO

2014 to 2014

[Peplet.com](https://peplet.com)

- Managed a team of four software engineers to develop Android applications focused to increase productivity by automating monotonous chores with help of artificial intelligence

Google Code-In Mentor

Google

2013 to 2014

San Francisco Bay Area

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

Software Developer

KDE e.V.

2013 to 2014

Berlin, Germany

- Worked on JuK music manager as an intern under SoK – Season of KDE, a GSoC spin-off
- Submitted patches to KDevelop – an IDE for C/C++/Qt projects. Established setup for Music Device Synchronization feature in JuK Music Manager.
- KDE Project Manager for Juk Music Manager website juk.kde.org.

TECHNICAL SKILLS

Computer Languages

Softwares & Frameworks

Technologies

Python, Java, Android, C, C++, Shell Scripting, MATLAB, Latex
Flask, Numpy, Scipy, nosetests, tox, Django, Mockito, PowerMock,
SparkJava, Debuggers, IntelliJ, Android Studio, Memory Profilers
Git, CI, CD, Make, Qt, CMake, Agile, TDD, Machine Learning, AI

ACTIVITIES AND HONORS

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.

ACTIVITIES:

Github: Being an enthusiastic github user, I work actively on multiple side projects which include several PyPi modules and couple of Android application. I have 40+ public repositories available at github.com/shubhamchaudhary

PyPi Modules: I have authored 10+ python modules to Python Package Index. Source code for these is open sourced on Github.

Android Applications: I have couple of open sourced Android applications available on Google Play Store Develop Freedom account

VOLUNTEER

Speaker <i>KDE e.V.</i>	2014 <i>Gandhinagar, Gujarat</i>
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- Elucidated the developement of kde-multimedia in the biggest developer conference of KDE in India.

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

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