Subham Agrawal

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EDUCATION

SRM UNIVERSITY
B.Tech in Mechatronics
Expected May 2020 | Chennai, India
Cum. GPA: 8.3

SEVEN HILLS SCHOOL
Grad. May 2016| Sambalpur, India
Percent: 85

LINKS

Github:// **subham9777**
LinkedIn:// **subham98**
Twitter:// **@subham_97**
Quora:// **Subham-Agrawal-14**

COURSEWORK

UNDERGRADUATE
Introduction to IOT
The Arduino Platform
Fluid Power System and Automation
Android Developer
Open CV

SKILLS

PROGRAMMING
Over 5000 lines:
• Java • Android • Python • Matlab
C++ • C • Scilab • LaTex • MySQL

HARDWARE
• Arduino Uno • Raspberry pi 3
• ESP8266 • Wemos D1 Mini
Arduino Nano • NodeMCU

SOFTWARE
• Auto CAD • FluidSIM - H
• FluidSIM - P • Android Studio
Git

EXPERIENCE

NEXT TECH LAB | Internet of Things Researcher
Expected August 2017 – Present| SRM University, Chennai
- Building multi purpose IOT projects using various technologies as Raspberry Pi, Arduino, ESP8266 for automating things.

AAKASH RESEARCH LABS | Android App Developer
August 2016 – August 2017 | SRM University, Chennai
- Worked on various Android Educational Apps.
- Created a Messenger App for University

BLUE HEART HEALTH CARE | Junior Android App Developer
October 2016 – June 2017 | Chennai, India
- Blue Heart is a Android App for online marketing of daily groceries, medicines, etc.
- Created the UI part and the seller App for the Startup
- Project already launched and working in Uttar Pradesh, India.

PROJECTS

HOME AUTOMATION | Using Wemos D1 Mini
Worked with Pranal Zode to create a small IOT product which can be installed in any house and the house lights, fans and everything can be controlled using a Android App. Currently integrating Machine Learning to look for Power Saving, Automatic Off.

LEARN ARDUINO | Android Application
Created a Android Application that can be used to learn basic Arduino Programming and about Arduino Hardware. It is currently available in Google Play Store with over 500+ downloads.