Vivek Singh Bhadauria

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EDUCATION

Degree	Academic Year	School/College	Score
B. Tech (ECE)	2014-present	Delhi Technological University	77.46%
CBSE Class XII	2014	Modern Era Convent, New Delhi	95.2%
CBSE Class X	2012	Modern Era Convent, New Delhi	10(CGPA)

INTERNSHIPS / TRAININGS

- SAMSUNG Research and Development Institute, NOIDA   (JUNE-JULY 2017)
  Developed **SAMSUNG ALERT MODE** for Samsung smart-phones.
- Google Summer of Code 2017, **FOSSASIA** org
  Developed an Android App to expose functionalities of Pocket Science Lab Hardware Device.

ACADEMIC PROJECTS

- LIVE FEED
  Transfers real-time camera feed from android phone to desktop, python script runs on desktop which receives and renders camera frames
- ADVANCED ATTENDANCE SYSTEM
  App on teacher's mobile acts as attendance server and app on student's mobile acts as attendance client, communication between client and server is over wi-fi hotspot opened by server app
- ANIME DOWNLOADER
  Made a Chrome Extension and Android App to download anime from a website by injecting JavaScript on loaded webpage and obtaining required links.
- ANDROID TERMINAL
  App on android phone acts as virtual terminal and python script runs on target device, Firebase is used for communication between Android and target device
- 3D Pen
  Renders tip of pen continuously using Processing sketch (Used MPU6050 and Arduino Nano)
- Tic-Tac-Toe Android
  Enabled two player and computer player for single user play
- Games in C++
  Paratron -> Tic-Tac-Toe -> Rapid Roll

TECHNICAL SKILLS

- **Languages :** C++ (proficient), Python (proficient), Java (moderate), C (moderate)
- **Tools & Framework :** Linux, Git, Android SDK, Android Studio, Arduino, OpenCV, Flask

ACHIEVEMENTS AND EXTRA- CURRICULAR ACTIVITIES

- Jee Advanced Rank : 5727
- Merit Certificate for securing maximum marks in X and XII
- Programming and Coding to make life easier
- Automating tasks with Python
- Tinkering with gadgets
- Contributing to open-source projects
- Runner Up in Panasonic Mobivation 2016 (Smart Phone Innovation Challenge)
- Qualcomm Maker Month DragonBoard Contest Winner (Round 1)
- Among top 3 teams in HACKIIITD Hardware Hackathon at IIITD