ANANT SINGH

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TRANING AND SKILLS

- Hands on Python Programming
- Worked on Android App Development
- Knowledge of C Programming
- 6 weeks internship at NHPC, Faridabad
- Hands on TensorFlow (Machine Learning)
- Hands on Java Programming
- 6-week course on Embedded Systems
- Worked on Eagle PCB, Fusion 360

ACADEMICS

B. Tech (ECE) | KIET Group of Institutions
AKTU | 2015 – 2019
Secured 71.46 %

Data Science | Online Courses
Machine Learning | **Andrew Ng, Stanford**
Machine Learning, ML | **NPTEL**
Machine Learning Nanodegree | **Udacity** (ongoing)

Intermediate | Dayawati Modi Public School
CBSE | 2013 – 2014
Secured 80.2%

High School | Dayawati Modi Public School
CBSE | 2011 – 2012
Got 7.8 CGPA

PROJECTS

SpySee | Group Project
2018 | **Reconnaissance Robot for Military**
A live video feed robot, equipped with GPS, Camera and various sensors. Worked on Android App Development, Raspberry Pi programming, Mechanical structure designing and fabrication. Used Python, Java, Eagle PCB, Fusion 360. Selected by DRDO.

Predicto | Group Project
2017 | **Machine Learning Based Project**
An app providing prediction services of diseases like Breast Cancer, Diabetes without any need of going under actual lab tests using data from hospital records. Handled Cloud server, App Development, and Machine learning Algorithms. Worked on Firestone, Android, Python, Java.

RoboCar | Individual Project
2016 | **Android App Controlled Robot**
An Android app-controlled Robot, with Weather sensing capabilities. Worked on Android, Fusion360, Java, Arduino.

DTMF Controlled Vehicle | Group Project
2015 | **DTMF Controlled Robot**
A remote Cellular Network control-based robot using DTMF Tones. Handled Electronics and Circuits.

RESEARCH ARTICLES

- New Grounded Impedance Multiplier using VDDIBA (IEEE)
- An Active-C Realization for Simulating Electronically Controllable Lossy Grounded Inductance (IEEE)
- 5G: An overview of Channels characteristics and modelling techniques (IEEE)

ACHIEVEMENTS

- DRDO DRUSE Zonal Level top 30, won cash prize of 10,000 (2018)
- Presented research article in IEEE International Conference, Amity, Noida (2018)
- Second in Project Presentation, Innotech (2016)
- First Runner Up in RoboRace, Innotech (2016)
- First in Chess, Annual Sports Meet (2016)
- Student coordinator in Epoque Prastuti (2018)
- Innotech project exhibition (2016)
- Participated in one day Network Implementation by Network Bulls (2016)
- 3 days Android & IOT Workshop, Aptron (2016)
- Participated in M.E.T.H. Quiz (2017)
- Innotech project exhibition (2017)