ANANT SINGH

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SUMMARY

Passionate and disciplined individual seeking to work in an organization where I can utilize my skills and enhance my knowledge along with the fulfillment of the organizational goals.

TRANING AND SKILLS

- Python 4/5
- C 4/5
- R 2/5
- 6 weeks internship at NHPC, Faridabad
- 6-weeks training course on Embedded Systems
- Java 4/5
- Android 3/5
- Embedded Systems 4/5
- Worked on Eagle PCB, Fusion 360

ACADEMICS

B. Tech (ECE) | KIET Group of Institutions
DR.A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY | 2015 – 2019 |
Secured 71.46 %

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

Data Science | Courses
Machine Learning | **Andrew Ng, Stanford**
ML A-Z™ Hands-On Python & R in Data Science | **Udemy**
Machine Learning Nanodegree | **Udacity** (ongoing)

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

PROJECTS

Reconnaissance Robot for Military

SpySee | 2018
A live video feed robot, equipped with GPS, Camera and various sensors. Worked on Android App Development, Raspberry Pi programming, Deployed CNN, OpenCV. Used Python, Java, Eagle PCB, Fusion 360. Selected by Defense Research and Development Organization of India.

Machine Learning Based Android App

Predicto | 2017
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.

Android App Controlled Robot

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

DTMF Controlled Vehicle

DCR | 2015
A remote Cellular Network control-based robot using DTMF Tones. Handled Electronics and Circuits.

RESEARCH ARTICLES

- An Active-C Realization for Simulating Electronically Controllable Lossy Grounded Inductance (IEEE) (**DOI:** 10.1109/SPIN.2019.8711758)
- 5G: An overview of Channels characteristics and modelling techniques (IEEE) (**DOI:** 10.1109/PDGC.2018.8745875)
- New Grounded Impedance Multiplier using VDDIBA (IEEE)

ACHIEVEMENTS

- Defense Research and Development Organization DRUSE Zonal, Won Cash prize of 10,000 (2018)
- Presented research article in IEEE International Conference, Amity, Noida (2018)
- First Runner Up in RoboRace, Innotech (2016)
- First in Chess, Annual Sports Meet (2016)
- Student Coordinator, Epoque Prastuti (2018)
- Second in Project Exhibition, Innotech (2016)
- Participated in one day Network Implementation by Network Bulls (2016)
- 3 days Android & IOT Workshop, Aptron (2016)
- Innotech Project Exhibition (2017)