

## Education

- **Indian Institute of Technology**  
*B.Tech Electrical Engineering*  
– CGPA : 9.05/10

Hyderabad  
2016 - current

## Work Experience

**Summer internship at L V Prasad Eye Institute**

May 2018 - July 2018

Worked on classification of eye diseases using fundus images. Used Keras framework for building the deep learning model.

## Projects

- **Theoretical Analysis of GANs** Sept 2018 -  
– Working on analysis of Generative Adversarial Networks to generate better quality images.
- **VIP Cup** July 2018 - Aug 2018  
– Worked on segmentation of lung tumours which improve the diagnosis of lung cancer. Used DICOM images.
- **Inter IIT Tech Meet** Dec 2017 - Jan 2018  
– Worked on various parts of the Soldier support problem statement given by DRDO which include adhoc positioning of nodes, monitoring vital health parameters of a person, Gesture recognition and Video transmission using python.
- **Smart Meter** Sept. 2017 - Dec. 2017  
– Worked on developing an add on module for existing household power meters which helps us to monitor the power consumption and control various appliances via WiFi. This was done with the help of a raspberry pi and ESP32.

## Technical Skills

- Comfortable with python, C, C++, Matlab,  $\text{\LaTeX}$

### **Areas of Interest**

- Machine Learning, Computer Vision, Communication and Signal processing

### **Relevant Coursework**

- Intro to AI and ML, Data analytics, Random process, Digital Modulation Techniques, Information Theory, Digital Signal Processing, Representation Learning

### **Extra Curricular Activities**

- Elektronika Coordinator
- Worked as Teaching Assistant for Calculus-2, Vector Calculus and Electric Circuits

### **Achievements**

- Megathon 2k17 Runners-up (Hackathon conducted at IIIT Hyderabad) for our Smart power meter project
- Overall 7th position in Inter-IIT tech meet for the Soldier support problem statement
- Secured AIR 1460 in JEE-ADVANCED 2016