

Academics

2017-2021	B.Tech in Electronics and Communication Engineering , IIIT Nagpur
GPA	8.6/10.0 (Currently Pursuing)
2017	Higher Secondary School Certificate Examination, State Board
GPA	79%

Technical Skills

Programming Languages	C Java JavaScript Python
Libraries / Frameworks	Node.js Jekyll Numpy Pandas Scipy Tensorflow Keras
Databases	SQLite
Systems / Platforms	Git Linux Bash
Markup / Templating	HTML CSS
Others	Latex MATLAB Raspberry Pi Arduino

Projects

- Cognestive Heart Failure, Deep Convolutional Neural Network**
Implementation of the research paper 'Deep CNN for the automated diagnosis of congestive heart failure using ECG signals'. This project has implemented a 5 layer CNN to obtain an accuracy of XXX which has an error rate of YYY with respect to the analysis done in the research paper. This project is an amalgamation of multiple technologies such as TensorFlow, Keras, Numpy, Scipy, Matplotlib and ZZZ were used to
- Mini-Projects using Rpi, Arduino, C and Java**
Worked on three projects; Garage Door Opener, Line Follower, Edge Avoider, Intelligent Vehicle Park System and Snake Game. Learned the application of languages like C and Java, also basics of Data Structures. An introduction to the world of microprocessors and interfacing was achieved.
- dotSlash: A Jekyll Website**
A website for the programming community 'dotSlash' of IIIT Nagpur using HTML, CSS, JavaScript and Jekyll.

Technical Interests

Machine Learning, Deep Learning, Signal Processing, Micro-Controllers, Image Processing, DBMS

Activities & Leadership

- Founder, dotSlash IIIT Nagpur:** Founder member of the programming community 'dotSlash' in sophomore year to promote competitive coding and increase an awareness about Open Source Development and Machine Learning in the campus.
- Event Organiser in Tantrafiesta:** Organiser and Co-ordinator for the Line Follower Event in TantraFiesta; arranged and handled the event which took place in Sept 2017. Also, was a volunteer for various events in TantraFiesta and Abhivyakti.