



# ATHARVA KULKARNI

<https://katharvaa.github.io/personal-website/>

## OBJECTIVE

An aspiring engineering student currently pursuing my 3<sup>rd</sup> year in BTech Electronics and Computer Engineering. With a keen interest in deep learning, competitive coding and an understanding of Web Development, I am enthusiastic about leveraging my skills to drive innovation and solve complex problems.

## SKILLS

C ★★★★★

C++ ★★★★★

Algorithms ★★★★★

### Soft skills -

- Teamwork
- Leadership
- Problem solving

## ONGOING PROJECTS

### ECG Arrhythmia Classification using Convolutional Neural Network

Automatic detection and classification of abnormal heart rhythms from electrocardiogram (ECG) data by using the Digital Signal Processing concept of Convolution along with a deep learning approach.

**Tools used:** Matlab

### Simulation of a VoIP (Voice over Internet Protocol) model

Simulation of a VoIP based communication and networking model comprising VLANs, HTTP, DHCP, Subnets and DNS modules.

**Tools used:** Cisco Packet Tracer

### Data analytics of Covid – 19 Vaccines

Analysis and visualization of the Covid – 19 vaccines utilized by the 10 most afflicted countries.

**Tools used:** R, MySQL, Looker Studio

## EDUCATION

### BTech Electronics and Computer Engineering

Vellore Institute of Technology (Chennai) | 2021 - Present  
Current CGPA: 9.10

### HSC Maharashtra State Board – 88.5%

ASM CSIT (Pune) | 2021

### SSC Maharashtra State Board – 92.2%

St. Ursula High School (Pune) | 2019

## HOBBIES

Playing Guitar | Listening to music | Reading



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