



ATHARVA KULKARNI

OBJECTIVE

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

SKILLS

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

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

EXPERIENCE

Zero Bugs Club (VIT Chennai): Technical Department



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