



PROFILE

Machine Learning and Electronics geek. Currently designing 3D object detection algorithms and Unscented Kalman Filters for a driverless car. CodeChef – 4 stars.

SKILLS

•Languages

C++

Python

Java

•Frameworks

Django

Kubernetes\Google Cloud

Electron.js

Node.js

•Tools

Tensorflow

Keras

OpenCV, Scikit & Pandas.

•Core CS

Data Structures, Algorithms and OS.

CONTACT

GitHub & CodeChef:

github.com/atharva-18

codechef.com/users/atharva_p

Email:

atharvapusalkar18@gmail.com

HOBBIES

Digital art

Music

Coding

ATHARVA PUSALKAR

EDUCATION

Sathaye College (High School)

Batch of 2018.

HSC – 86.46%

Dwarkadas J. Sanghvi College of Engineering

BE Electronics, 2022.

8.2 CGPA

EXPERIENCE

DJS Racing

Self-driving Car Student Engineer.

Apr 2019 - Present

IEEE Brainwaves

Infotech Head

Aug 2019 - Present

NSS DJ Sanghvi

Volunteer

Jul 2019 – Mar 2020

PROJECTS

DJSR Driverless – A fully autonomous car that will compete at Formula Student Germany. I worked on 3D object detection, state estimation, trajectory planning and software architecture.

PathMaker - A smart cap that guides blind people on streets by telling them of the obstacles ahead making use of Computer Vision, Natural Language Processing and GPS.

Stylo - A Java GUI app made using Swing that implements Neural Style Transfer via an API.

Object-Detection-API -

A Django web-app that provides object detection using YOLOv3 and an API.