

SHREYAS S. KULKARNI


Junior Undergraduate

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Summary: About me

- Dedicated quick learner with over five years of Free and Open-source (FOSS) coding experience, seeking technical skills like programming and developing software systems, to tackle some of technology's greatest challenges.
- I am interested in applying large sum of data to solve real-world problems in real world branches such as medical science, cancer research etc. I like to spend much of my time researching and implementing machine learning on various day to day scenarios and learn and implement computer vision software.

EDUCATION

- **Pune Institute of Computer Technology (PICT), Savitribai Phule Pune University** **2018-Present**
BE in Electronics & Telecom Engineering

Semester	I	II	III	IV
SGPA	7.14	8.42	9.08	9.8
YGPA	7.72		9.44	

- **HPT Arts & RYK Science College, Nashik**
HSC Board - Class 12th (Percentage: **77.38%**)
- **Rachana Vidyalaya, Nashik**
SSC Board - Class 10th (Percentage: **83.60%**)

SKILLS AND INTERESTS

- **Languages:** C/C++, Python, Java, JavaScript
- **Technologies/Tools:** ROS, Raspberry Pi, Arduino, STM32, TensorFlow, Machine Learning, Google Cloud, NodeJS, React, AWS, Latex

PROJECTS

- **Object Detection with OpenCV and Python**
Used OpenCV to detect Faces, Eyes, and both from set of images. Detect people walking and cars moving from videos and detect a car's number plate from images.
- **Buy Signal using RSI in R with the Quantmod:**
Created Buy/Sell Signals based on RSI Index, pulled down Stock Data using the R Quantmod Package, and calculated daily returns on stocks chosen.
- **Weather Station**
ESP32 Weather station using Open Weather Map API and Arduino JSON parsing. The weather data is fetched using ESP32 as a HTTP client and info is displayed on a TFT screen.

PERSONAL INFORMATION

- Gender: Male
- Date of Birth: December 21, 2000
- Hobbies: Circuit designing, Reading, Learning new languages and electronics projects.
- Languages: English, Marathi, Hindi