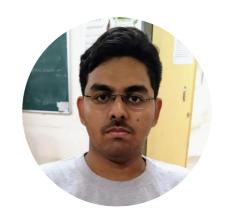# Yog Dharaskar

(Mostly) Self-Taught developer with a soft spot for Python. I love trying to recreate stuff everyone takes for granted systems like a DBMS, a basic computer or even an Operating System.

Technical Skills

Artificial Intelligence, Quantum Computing, Image Processing and Computer Vision, Basic Skills, Cloud Computing, C++, C, Python

Spoken Languages

Hindi , Marathi , English

Basic Info

Nationality - Indian
Gender - male
Marital -
DOB - 14-07-2000

Contact Details

Email - yogpradip@gmail.com
Phone Number - 9503692525
Location - Pune

Position of Responsibility

System Administrator at Code Gurukul Tech Pvt. Ltd.

I am currently responsible for all of the tech infrastructure at the startup Code Gurukul Tech Pvt. Ltd.

Work Experience

Code Gurukul

System Administrator , WFH

Oct 2020 till Present

Internships

6 Months

Machine Learning Intern

Machine Learning Intern , Code Gurukul Tech Pvt. Ltd. - WFH

Academic Projects

NAND to TETRIS

All the project included in the NAND2TETRIS course on Coursera

Land-Water boundary detection in satellite images.

Using semantic segmentation to detect land-water boundary in satellite images obtained from Google Earth Engine.

Detecting unauthorized individuals in live CCTV footage.

The project included using machine learning algorithms to detect and verify faces against a database. An alert was raised when someone unauthorized was detected in the footage.

Real-Time detection and mitigation of TCP SYN-Flood attacks.

Detecting and stopping SYN-Flood attacks using conventional and machine learning methods at both software and hardware level.

Educational Background

| 2016 | **Prabhat High School, Akola** |
| | 9.4 CGPA from CBSE Board |

| 2018 | **Adarsh Junior College, Akola** |
| | from Maharashtra State Board Board |

| 2023 | **Vishwakarma Institute of Information Technology, Pune** |
| | 9.86 CGPA in CSE from Savatribai Phule Pune University Board |

Certificates

| 2020 | **Build a Modern Computer from First Principles: From Nand to Tetris (Project-Centered Course)** |
| | HEBREW UNIVERSITY OF JERUSALEM |

| 2020 | **Structuring Machine Learning Projects** |
| | DEEPLEARNING.AI |

| 2020 | **Neural Networks and Deep Learning** |
| | DEEPLEARNING.AI |

| 2020 | **Natural Language Processing in TensorFlow** |
| | DEEPLEARNING.AI |

| 2020 | **Java Programming: Solving Problems with Software** |
| | DUKE UNIVERSITY |

| 2020 | **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning** |
| | DEEPLEARNING.AI |

| 2020 | **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization** |
| | DEEPLEARNING.AI |

| 2020 | **Convolutional Neural Networks in TensorFlow** |
| | DEEPLEARNING.AI |

| 2020 | **Convolutional Neural Networks** |
| | DEEPLEARNING.AI |

| 2020 | **Support Vector Machines with scikit-learn** |
| | COURSERA PROJECT NETWORK |