

# Atharva Gundawar

## Deep Learning & Computer Vision Engineer

A committed, focused and creative programmer who wants to make a difference in this world. I specialize in Deep Learning and Data Analytics, along side I have some experience in App/Web development and AR . I Love to Code and build new and innovative solutions which solve real life practical problems.



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🌐 atharva-gundawar.github.io/portfolio-website/

🔗 github.com/atharva-gundawar

📰 medium.com/@atharva.n.gundawar

## EDUCATION

### School

Indira National School

2017 - 2019

91%

### College

VIT Vellore

06/2019 - Present

8.9 CGPA

B.Tech

- Computer Science

## WORK EXPERIENCE

### Core Committee Member of Computer Society of India

Computer Society of India

11/2019 - 07/2020

Vellore

Technical member at Computer Society of India

### Core Committee Member of ACM-VIT Association for Computing Machinery

11/2019 - 07/2021

Vellore

AI/ML researcher at Association for Computing Machinery

### Lead Data Analyst eduMates

05/2020 - 09/2020

Pune

Analyzed Data for Universities and for eduMates and gave predictions and demographics through the data collected by the platform

### Software engineer & Computer Vision engineer Tribe and Camcann

05/2020 - 11/2020

Vellore

ontribe.xyz As a part of tribe I built the Github analyzer and score predictor which is being used on their platform. camcann.com I had made a model that returns 3D locations of multiple Humans from a 2D feed. I also made an AI system that morphed jewelry on a person In realtime using VR. I helped them make a new hand detection model used in their no-touch poll system

### Data Analyst and Computer Vision Engineer Blackcoffer

07/2021 - Present

Developed Pipelines for big data transfer and analysis - Optimized Neo4j database to save 40% more space - Developing Background removal and watermark removal systems

## SKILLS

Python

Deep Learning

Natural Language Processing

IoT

Django

Robotics

Backend

GCP & AWS

Node

MongoDB

TensorRT

Machine Learning

## TOP PROJECTS

Data Analytics for 100's of collages in the UK while working for EduMates

Github Analyser, Productivity Prediction and Ranker for OnTribe

Dynamic tracking, Spoof-proof Face Recognition, Virtual Mouse and Key Control System(Computer Vision)

Prediction of 3D location of humans from a 2D feed

AI powered dynamic questioning platform, semantic segmentation, Bones and organs segmentation

Python Libraries on Pypi

Custom Dense layers models, architectures, loss functions and kernels

## CERTIFICATES

Udacity Deep Learning Nanodegree

Courser NLP Specialization

Deep Learning with Pytorch: Zero to GANs

AWS Seeing Clearly: Computer Vision Theory

Deeplearning.ai Neural Networks and Deep Learning

SuperDataScience Machine Learning

## LANGUAGES

Python

Native or Bilingual Proficiency

Javascript

Professional Working Proficiency

C++ and C#

Limited Working Proficiency

English

Professional Working Proficiency

## INTERESTS

AI

Entrepreneurship

Space

Business

Automation and Robotics

Quantum Computing