

Ali Akbar

Student at NIT Meghalaya

Using Computer Science to improve lives



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SKILLS

Python

C++

C

Machine Learning

Opencv

Computer Vision

Deep Learning

Tensorflow

Pytorch

Data Structures

Algorithms

OOPS

INTERESTS

Blender

3D Modelling

Non Fiction Books

EDUCATION

Bachelor of Technology (CSE)

National Institute of Technology Meghalaya

08/2016 – Present

Shillong, Meghalaya, India

CGPA

8.20 / 10

Higher Secondary

St. Anselm's Sr. Sec. School

04/2013 – 03/2015

Bhilwara, Rajasthan, India

Percentage

91.8%

PERSONAL PROJECTS

AI plays Snake (11/2018 – 11/2018) [↗](#)

- Made a complete snake game using pygame framework to let AI play it
- Trained Neural Network using Genetic Algorithm which acts as the brain to play the game of snake

Content Based Image Retrieval (03/2019 – 04/2019)

- Created a content based image retrieval model based on two methodology, histogram based and deep local feature based using Machine Learning.

Digit Recognizer (07/2018 – 07/2018) [↗](#)

- Mnist Digit classifier implemented through Logistic Regression using numpy and CNN using keras API with tensorflow backend. The models are then tested using drawn digit using webcam.

WORK EXPERIENCE

Data Science Intern

Coriolis Technologies Pvt. Ltd.

06/2019 – 07/2019

Pune, Maharashtra, India

Achievements/Tasks

- Extracted spectrogram and used them as features from different audios
- Created a complete pipeline for speaker recognition

Machine Learning Intern

AIMonks Labs Private Limited

02/2019 – 05/2019

Remote

Achievements/Tasks

- Got familiar with different state of the art computer vision research papers and their github repo [↗](#)
- Created blogs to represent the papers in a easy to understand manner

Coordinator

National Institute of Technology Meghalaya

09/2017 – 05/2018

Shillong, Meghalaya, India

Web Design Team at NIT Meghalaya

Achievements/Tasks

- Built website of Cognitia 2017, the annual techfest of NIT Meghalaya and website of Shishir 2018, the annual cultural techfest of NIT Meghalaya [↗](#)

ACHIEVEMENTS

Achieved 40+ forks and 125+ stars on a project on github [↗](#)