

Eesha Shetty

Machine Learning Developer

A fourth year engineering student with a passion for coding and research. My aim is to pursue a career in research and development in the field of Artificial Intelligence, mainly in the field of Reinforcement Learning and Autonomous Vehicle Development.

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EDUCATION

BTech, Computer Science and Engineering Vellore Institute of Technology, Vellore

07/2018 - Present

8.52 CGPA (6 Semesters)

Courses

- Artificial Intelligence
- Image Processing
- Natural Language Processing
- Discrete Maths and Graph Theory

CBSE 12th RN Podar School

04/2016 - 03/2018

Passed 12th with 94.8% agg

WORK

SDE Intern Amazon India

05/2021 - 07/2021

Achievements/Tasks

- Worked on an independent project under the Identity Services Team.
- Followed industry standard Java code, and worked with Amazon's internal build tools.
- Worked with AWS Technologies like CloudFormation Templates, SNS, SQS, Lambda.
- Created an API for a pre-existing service.

Image Processing Intern Kontiki Labs AI

02/2021 - 03/2021

An Exergaming platform combining AI with engaging activity drills.
Website - justmove.xyz

Achievements/Tasks

- Worked with TensorflowJS and the BlazePose Body Detection Model
- Using Pose Detection Models to create exercise games like Squats, Squat Kicks, Leg Raises
- Using Javascript Canvas to superimpose skeletons and scores

ORGANIZATION

Association for Computing Machinery, VIT Student Chapter (12/2018 - 04/2021)

Technical Director, Board 2020-21. ACM-VIT Medium Blog Editor. Core Committee Member, Research Department.

SKILLS

C++

C

Python

SQL

Git

Java

ReactJS

NodeJS

Tensorflow

AWS

OpenCV

Dart

PROJECTS

Tic Tac Bot (08/2020 - 08/2020)

- Used an AI algorithm on ReactJS to create a Tic Tac Toe Bot
- GitHub - eeshashetty/tic-tac-bot

Indian Sign Language Detection (06/2020 - 06/2020)

- ISL Detection model using a Hand Keypoint Detection model
- GitHub - eeshashetty/ISL-Detection

Invisibility Cloak (08/2019 - 08/2019)

- An Invisibility Cloak using masking concepts and bitwise operations
- GitHub - eeshashetty/InvisibilityCloak

Pokedex (Pokemon Detection) (06/2019 - 06/2019)

- Using SVM to classify different types of Pokemon
- GitHub - eeshashetty/Pokedex

CERTIFICATES

ACM Winter School (12/2020 - 01/2021)

Attended the ACM India Winter School on Algorithms for Big Data and ML Hosted by IMSc, Chennai. Sponsored by Microsoft Research India

ACHIEVEMENTS

First Place, HackerTech (12/2019)

A hackathon conducted by E-Cell VIT

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Artificial Intelligence

Reinforcement Learning

Machine Learning

Computer Vision

Cycling

Swimming

Squash

Piano

Reading