

EESHA SHETTY

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EDUCATION

Carnegie Mellon University - School of Computer Science

Master of Science in Artificial Intelligence and Innovation

Pittsburgh, PA

May 2024

Selected Coursework: *Introduction to Computer Systems, Current: Introduction to Machine Learning,*

Current: Artificial Intelligence and Future Markets

Vellore Institute of Technology - School of Computer Science and Engineering

Bachelor of Technology in Computer Science and Engineering | GPA: 8.71/10

Vellore, India

August 2022

Selected Coursework: *Data Structures and Algorithms, Artificial Intelligence, Image Processing*

SKILLS

Technical Skills: Machine Learning, Deep Learning and Neural Networks, Computer Vision

Programming Skills: C/C++, Java, ReactJS, Tensorflow, Python, NodeJS, AWS, Git

Languages: English (Fluent/Native), Hindi (Fluent/Native)

PROFESSIONAL EXPERIENCE

Amazon India – Identity Services

Software Development Engineering Intern

Pune, India | Remote

January – June 2022

- Developed an event notification system and a Data Warehouse for a new service.
- Utilized Amazon SQS and Lambda to devise the notification system.
- Designed database for Data Warehouse and implemented it on AWS Redshift with an automated pipeline.

Drive Analytics

Computer Vision Intern

Chennai, India | Remote

September – December 2021

- Trained Baseball Player Classification Models based on Body Pose Detection.
- Applied concepts of Intersection over Union, YOLO Object Detection and Tracking.
- Improved accuracy from existing models by 5%.

Amazon India – Identity Services

Software Development Engineering Intern

Pune, India | Remote

May – July 2021

- Automated entire process of Data Subject Access Requests built on an AWS Infrastructure.
- Innovated with AWS Technologies such as CloudFormation Templates, SQS, Lambda.

PROJECTS

Rover Pose Estimation | CMU Moonshot, PrismRanger Lunar Rover

September – November 2022

- Volunteered with PrismRanger, proposing a pit exploration lunar rover
- Researched techniques for position estimation of a rover on the lunar surface

Tic Tac Toe Bot | Independent Project [<https://github.com/eeshashetty/tic-tac-bot>]

July 2020

- Applied AI Algorithm with ReactJS to build a Tic Tac Toe Bot.

Indian Sign Language Detection | Independent Project [<https://github.com/eeshashetty/ISL-Detection>]

June 2020

- Created an Indian Sign Language Detection model using BlazePalm and Tensorflow.

LEADERSHIP

- Technical Director/Vice Chair, ACM-VIT.

April 2020 – March 2021

- Co-Editor, ACM-VIT Medium Blog [<https://medium.com/acmvit>]

September 2019 – April 2021

- Core Committee Member, Association for Computing Machinery, VIT Student Chapter.

December 2018 – April 2021