

# 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*

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## 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)

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## 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

Software Development Engineering 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.

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## PROJECTS

### Rover Pose Estimation | CMU Moonshot, PrismRanger Lunar Rover

September 2022 – Present

- Volunteering with PrismRanger, building a pit exploration lunar rover.
- Developing and researching techniques for position estimation of a lunar rover.

### 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.

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## LEADERSHIP

- Technical Director/Vice Chair, ACM-VIT.

April 2020 – March 2021

- Co-Editor, ACM-VIT [Medium Blog](#).

September 2019 – April 2021

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

December 2018 – April 2021