Eesha Shetty

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EDUCATION

Carnegie Mellon University | Pittsburgh, PA   August 2022 - Present
Master of Science in Artificial Intelligence and Innovation, GPA: 4.0   **Expected Graduation, May 2024**
Selected Coursework: Introduction to Machine Learning, Current: Introduction to Deep
Learning, Current: Machine Learning with Large Datasets, Current: AI Engineering
(Machine Learning in Production)

Vellore Institute of Technology | Vellore, India   July 2018 – August 2022
Bachelor of Technology in Computer Science and Engineering, GPA: 8.71/10
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: Python, Java, C/C++, Tensorflow, PyTorch, PySpark, NodeJS, ReactJS, AWS, Git
Languages: English (Fluent/Native), Hindi (Fluent/Native)

PROFESSIONAL EXPERIENCE

Amazon   Pune, India | Remote
Software Development Engineering Intern   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   Chennai, India | Remote
Computer Vision Intern   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   Pune, India | Remote
Software Development Engineering Intern   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

Learning Mutational Signatures | Independent Study Project, with Xu Lab and Lehmann Lab.   February 2023 - Present
- Working on methods for extracting mutational signatures in cancerous cells

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 – April 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