

Ram Potham

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Education

CARNEGIE MELLON UNIVERSITY, School of Computer Science

May 2025

Bachelor of Science in Artificial Intelligence, Minor in Innovation and Entrepreneurship

QPA: 3.84

Selected Coursework: Autonomous Agents, Natural Language Processing, Quantum Computation, Intro to ML

Experience

NullSpace

AI/Blockchain Engineer

March 2023 - July 2023

- Worked on LLMs to make it easier for people to become acquainted with Blockchain and Cryptocurrency

CARNEGIE MELLON - CHIMPS LAB

AI/HCI Researcher

May 2022 - Current

- Created tool for crowd auditing AI systems for bias by designing/building a browser plugin for collecting data
- Building stable diffusion api for creating AI generated images and monitoring bias

AWS IQ

Consultant

February 2022 - Current

- Consulted with companies as an AWS Certified freelancer, specialized in ML and serverless architecture
- Saved at least \$2,000 for clients as a [5 star rated expert](#) along with building crucial infrastructure

HARNESS

Machine Learning Intern

May 2022 - August 2022

- Applied machine learning time series forecasting methods for forecasting cloud cost projections
- Adapted forecasting models for anomaly detection on cost data using different error boundaries

CARNEGIE MELLON UNIVERSITY

AI Teaching Assistant (Special Topics: Designing Smart and Healthy Systems)

October 2021 - December 2021

- Led labs to educate students in Master's level class in AWS services and Jupyter Notebooks with ML
- Answered student questions while helping professor on various assignments

COMPANIONS JOURNEYING TOGETHER

Full Stack Engineer

June 2020 - January 2021

- Developed features on internal website to support different jobs of volunteers
- Programmed with PHP, MySQL, HTML, and React.js (using Webpack)

Ventures

- **HireTree.ai** (2023): Startup providing AI Recruiting services
- **HourlyMC** (2022 - 2023): Former startup that was a pay-as-you-go minecraft hosting service | AWS, React.js

Projects

- **On Chain Voting App**: Leading project using soulbound tokens to vote on chain securely | Next.js, Ethereum
- **Mesob Store**: Serverless marketplace (> 1,000 users) mobile app, secure with Cognito | AWS, React Native

Skills

- **Programming**: Python for ML, JavaScript, C, Blockchain (Solidity), AWS, Tensorflow, Rust, Arduino
- Ideation, Innovation, Leadership, Project Design, Marketing Strategy, Time Management, Prompt Engineering

Distinctions

- **Innovation Scholars Program at CMU**
- **AWS Certified Machine Learning – Specialty Certification**
- Board for CMU Undergraduate Entrepreneurship Association
- Head of Governance at Blockchain Club
- Hackathon winner (Hack APAC, Hack Your Portfolio, GunnHacks 7.0, OpenHacks, and COVID19 Hack Challenge)
- USAMO qualifier - The United States of America Mathematical Olympiad