Ethan Mason

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EDUCATION

University of Texas, BS in Computer Science, 3.6 GPA | December 2025

- Completed courses: Introduction to Programming in Java, Data Structures in Python, Data Structures in Java, Discrete Mathematics for Computer Science, Computer Architecture, Software Engineering, Operating Systems, Artificial Intelligence, Information Retrieval, Machine Learning I, Algorithms
- Currently taking: NLP, Neural Networks, Data Management, Computer Networks

Vista Ridge High School - Cedar Park, TX, 5.4 GPA, Rank 21/641 | May 2022

QUALIFICATIONS AND PROJECTS

Machine Learning & AI Experience:
- AI Resume Reviewer: Built a resume-analysis tool leveraging GPT-based models to provide structured feedback on content and clarity.
- Image Classification Web App: Developed a web application using TensorFlow + MobileNetV2 to classify user-uploaded images through an interactive UI.
- Completed AI-focused coursework at UT Austin, including Machine Learning I, Artificial Intelligence, NLP, and Neural Networks.

Proficient in Operating Systems Concepts:
- Simple Shell/CLI: A simple Unix shell, written in C. Implements a read, evaluate, print loop, with a few built-in commands and error handling. Allows external commands and scripts and supports concurrent commands.
- Pintos: Added threading, system calls, virtual memory, and a filesystem to the instructional x86 operating system Pintos through several projects during the completion of the course Principles of Computer Systems (CS 439) at UT Austin.

Experienced in Web Technologies: HTML, CSS, JavaScript, React, TypeScript
- Quiz Application: Developed a full-stack quiz application using Next.js, implementing both frontend user interface and backend API routes. Features include dynamic question generation, analytics tracking, and responsive design for optimal user experience across devices.
- A static personal portfolio website with an RPG theme. Written using HTML5, CSS3, and Bootstrap.

WORK EXPERIENCE

Money Pickle - Remote

Software Engineering Intern | April 2025 - present
- Contributing to a fast-growing platform using Node.js, React, and SQL
- Working on API design, analytics tracking, and third-party integrations (e.g., Stripe, PostHog, Sentry)
- Collaborating with the development team on real-world projects impacting thousands of users

Coding with Kids - Austin, TX

Coding Instructor **|** *June 2023 - January 2025*

- Utilize knowledge of Python and Java to teach computer programming to students 5-18 years old
- Design a comprehensive coding curriculum to conduct high-quality classes, and maintain positive relationships with customers

Moviehouse & Eatery - Austin, TX

Server | December 2022, December 2023

- Demonstrate Passion, Commitment, and Integrity at all times by running food and beverages
- Ensure all food orders are inputted rapidly and accurately in point of sale system and process all payments correctly and responsibly

SKILLS

- **Languages:** Python, Java, C/C++, JavaScript, TypeScript
- **Frameworks/Libraries:** React, Node.js, TensorFlow, PyTorch
- **Tools/Platforms:** Git, Linux, PostgreSQL, Docker, AWS
- **Domains:** Machine Learning, Distributed Systems, Databases
- **Leadership:** Led a team of students that created a full-stack website with a React frontend, a Python backend, and a PostgreSQL database.

ADDITIONAL

- **Awards**: Employee of the Month at the Whitestone location of Goodwill Central Texas for exemplary performance in all tasks, August 2021
- **Languages:** English (native), French (intermediate written and spoken), Russian (basic)