

Andrew Zou

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EDUCATION

Rochester Institute of Technology | *Rochester, NY*

Anticipated Graduation: May 2026

Bachelor of Science | Computer Science

Relevant Coursework: Linear Algebra, Intro to Software Engineering, Discrete Math, Analysis of Algorithms

Languages & Tools: Java, Python, C#, HTML, JavaScript, React, NextJS, Angular, GitHub, Trello, Slack

WORK EXPERIENCE

Software Engineering Fellow | *Headstarter*

July 2024 - Present

- Building 5+ AI apps and APIs utilizing NextJS, OpenAI, Pinecone, StripeAI, along with participating in bi-weekly Hackathons
- Coached by Amazon, Bloomberg, and Capital One engineers on agile, CI/CD, Git, and microservice patterns
- Developing projects from design to deployment with 4 engineering fellows using MVC design patterns

ITS Communications Support | *RIT*

Rochester, NY | November 2023 - Present

- Worked proactively with a team to help maintain and fix the campus voice and data networks
- Collaborated with team members to diagnose and fix any network and voice issues, employing technical expertise and problem-solving skills
- Assisted customers with resolving their voice and network issues, ensuring minimal downtime

Website Intern | *Microsoft Technology Campus (SCIP)*

Manhattan, NY | December 2021 - March 2022

- Collaborated with a team to design website pages, participating in regular meetings to discuss and refine ideas
- Developed strong communication skills through frequent team interactions and feedback sessions
- Gained extensive knowledge in UI/UX and designing, applying best practices to create user-friendly and visually appealing web pages

PROJECTS

Movie Database Application | *Python, PostgreSQL*

January 2024 - April 2024

- Implemented a robust friend system, enabling users to connect with others, share movie recommendations, and explore their preferences using an integrated playlist feature
- Architected and deployed a robust PostgreSQL database in a team environment, efficiently storing over 100,000 movies, encompassing essential metadata
- Developed key functionalities, including a recommendation system that suggests movies based on the user and their friends' ratings and watched genres / movies

U-Fund Website | *Angular (HTML & TypeScript), CSS, Java*

August 2023 - December 2023

- Developed a site enabling users to support a cause by purchasing products and services to help enhance user engagement and contribution
- Designed and implemented a user-friendly and responsive frontend utilizing Angular and CSS, ensuring seamless integration with the backend
- Collaborated with teammates to develop backend functionalities, contributing to the backend testing and core functions using Java