Harry Zhu

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EDUCATION

Georgia Institute of Technology
Atlanta, GA

Bachelor of Science in Computer Science
May 2026

GPA: 4.0/4.0
Relevant Coursework: Intro to Object Oriented Programming, Intro to Computing, Linear Algebra, Integral Calculus, Differential Calculus

CUNY Hunter College
Manhattan, NY

Bachelor of Science in Computer Science
Aug. 2023 – June 2024

GPA: 4.0/4.0
Honors & Awards: Dean's List 2023 - 2024, Peter F. Vallone Academic Scholarship
Relevant Coursework: Introduction to Computer Science, Calculus I
Activities: Computer Science Club, Asian Student Union, CUNY Career Launch Program

SKILLS

Languages: Java, Python, JavaScript, C++, C, HTML, CSS, Processing
Frameworks: Three.js, React, Node.js, Flask, Vite, Django, Tailwind CSS
Developer Tools: Git, Visual Studio Code, WebGL, Unreal Engine 5, Adobe PDF Embed API, Google Analytics, Google Search Console
Libraries: pandas, SQLite3, Leaflet
Fluent in English and Chinese

EXPERIENCE

Lead Developer
July 2024 – Present

QuestTP
Virtual

- Appointed as Lead Developer at QuestTP, a pioneering startup dedicated to transforming task management and combating procrastination among students through innovative gamification techniques
- Developed and implemented a dynamic project using JavaScript, Three.js, React, WebGL, and Unreal Engine 5 to create interactive 3-D models within a virtual environment, enhancing user engagement and productivity

Assistant Project Manager - App Creation Team
June 2024 – Sep. 2024

PYE Education Center
Virtual

- Led a team of 3 in developing an ebook platform, a gradebook, and an inventory checklist for PYE Education Center utilizinging Python and Django—streamlining operational management for senior leadership

Software Engineering Fellow
July 2024 – Sep. 2024

Headstarter AI
Virtual

- Developed multiple AI projects, culminating in a final project aimed at achieving a customer base of 1000 people
- Participated in weekly competitive hackathons with three teammates to develop and present creative solutions, enhancing problem-solving abilities and technical proficiency

PROJECTS

Monkey Game | *JavaScript, Node.js, CSS, HTML*
- Revamped Google Dinosaur Run into a multiplayer experience featuring monkey avatars racing to the finish line. Established a robust DigitalOcean-hosted server infrastructure for seamless gameplay

SafeMap NYC | *Python, JavaScript, SQLite3, Pandas, Leaflet*
- Produced a detailed map of New York City integrating socioeconomic demographics, accidents, and crime rates to assess neighborhood safety levels

Recipe Finder | *JavaScript, Flask, SQLite3, Google Translate API*
- Provided personalized recipes aligning with users' dietary needs, accommodating allergies and preferences. Additional features include access to random recipes and language translations