

# Harry Zhu

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## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Science in Computer Science*

*Anticipated June 2026*

**Relevant Coursework:** Intro to Object Oriented Programming, Intro to Computing, CS Leap Seminar, Linear Algebra, Integral Calculus, Differential Calculus, (Calc-based) Intro Physics I, (Calc-based) Intro Physics II

### 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

## EXPERIENCE

### Lead Developer

July 2024 – Present

*QuestTP*

*Manhattan, NY*

- 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

July 2024 – Present

*PYE Education Center*

*Virtual*

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

### Software Engineering Fellow

July 2024 – Present

*Headstarter AI*

*Manhattan, NY*

- 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*

May 2023 - June 2023

- 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*

April 2023 - May 2023

- 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*

Nov. 2022 - Dec. 2022

- Provided personalized recipes aligning with users' dietary needs, accommodating allergies and preferences. Additional features include access to random recipes and language translations

## TECHNICAL 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