New York City, NY
LinkedIn GitHub

Henry Liu

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EXPERIENCE

Software Engineer Intern   **JPMorgan Chase & Co.**   **July 2022 – Aug 2022**
- Developed a recommendation feature for JPMC's regulation library application by processing and querying 15 million indexed citations using **Elasticsearch**, **Angular**, and **Spring Boot**
- Designed POC architecture diagram and demoed product to multiple stakeholders
- Interviewed department representatives and explored firmwide machine learning integration

Software Engineer Intern   **Snapbrillia**   **Jul 2021 – Sept 2021**
- Worked directly with product owner and took ownership over core features, including an online candidate assessment platform using **React**, **Express**, and **MongoDB**
- Deployed the webapp to Heroku on Alpha launch day and set up deployment commands
- Onboarded new members. Mentored new intern during a 2-week code pair program

LEADERSHIP

Co-founder & Lead Developer   **The Environment Project**   **Oct 2020 – June 2022**
- Led the development of a wiki website, where users can browse, contribute, and comment on recycling articles, created with **Typescript**, **React**, and **MongoDB**
- Supervised dev team and managed organization's WordPress site (10K+ visits)
- Helped grow the organization to 80+ members. Coordinated events totaling 2,000+ attendees

Website Administration Lead   **TCSTEM**   **Sept 2020 – Jun 2021**
- Registered and configured domain on Name.com. Designed and managed organization's Google Site
- Rebuilt main website with **HTML**, **CSS**, and **JavaScript**

EDUCATION

Rochester, NY   **University of Rochester**   **August 2022 – May 2025**
- B.S. in Computer Science
- Courses: Data Structure & Algorithms, Discrete Math, Economic Principles, Philosophy 101

New York City, NY   **Francis Lewis High School**   **Sept 2018 – Jun 2022**
- Graduated with honors (GPA: 98.45)
- Courses: AP Computer Science (5), AP Calculus BC (5), AP Microeconomics (5)
- Activities: Godot Game Dev Club (Founder & President), TCSTEM (Website Administration Lead)

SKILL

- Programming Languages: TypeScript, JavaScript, Java, Kotlin, C++, Python, CSS, HTML
- Technologies: React, Angular, Express, Spring Boot, Elasticsearch, MongoDB, Firebase, Git
- Other: Linux, Godot Engine, Hardware, Photoshop, Chinese (native), 120 wpm on Monkeytype
- Interests: Game Development, Macroeconomics, Mechanical keyboard, Art, Asian cuisine