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Henry Liu

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WORK EXPERIENCE

Software Engineer Intern   **NBCUniversal**   **June 2023 – Aug 2023**
- Incoming Software Engineer Intern – Enterprise Ads Platform

Software Engineer Intern   **JPMorgan Chase & Co.**   **June 2022 – Aug 2022**
- Implemented a recommendation feature for JPMC's regulatory compliance library application, which contained 15 million indexed citations, using **Elasticsearch**, **Angular**, and **Spring Boot**
- Designed POC architecture diagram and demoed final product to multiple stakeholders
- Interviewed department leaders and explored firmwide machine learning integration initiative
- One of 8 high school interns accepted to JPMC's F&O program for first-gen low-income student

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

LEADERSHIP EXPERIENCE

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

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

EDUCATION

Rochester, NY   **University of Rochester**   **Aug 2022 – May 2025**
- B.S. in Computer Science and minor in Economics (GPA: 3.85)
- Courses: Computation & Formal Systems, Intro to AI, DSA, OOP, Discrete Math, Linear Algebra
- Activities: Roclab Frontend Developer, DSA Workshop Instructor, MLH DandyHacks winner

SKILL

- Programming Languages: TypeScript, JavaScript, Java, Python, C++, C, CSS, HTML
- Technologies: React, Angular, Express, Spring Boot, Elasticsearch, MongoDB, Firebase, Git
- Other: Linux, Hardware, Godot Engine, Game Development, Photoshop, Chinese (native)