New York City, NY
LinkedIn GitHub

# Henry Liu

(929) 393-3298
codicate@gmail.com

## EXPERIENCE

**Software Engineer Intern**  **JPMorgan Chase & Co.**  **June 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**  **July 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 – June 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**  **Aug 2022 – Dec 2025**
- B.S. in Computer Science
- Courses: Data Structure & Algorithms, Discrete Math, Economic Principles
- Activities: CS Undergraduate Council, Google Student Developers, Game Development Club

**New York City, NY**  **Francis Lewis High School**  **Sept 2018 – June 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