

# JINSEN (JASON) LIU

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## Experience

### New York University

Sept 2023 – Dec 2023

*Teaching Assistant*

*New York City, NY*

- Evaluated homework submissions for students enrolled in NYU's CS-UA 101 Intro to Computer Science
- Conducted virtual supplementary tutoring sessions via Zoom for students seeking assistance

### Huaxi Securities Co., Ltd.

June 2023 – Aug 2023

*Software Engineering Intern - Web Application Team*

*Chengdu, Sichuan*

- Enhanced website stability through the implementation of End-to-End (E2E) testing using cypress for services
- Documented API for comprehensive reference and streamlined processes

### BUGS @ NYU

Ongoing

*Engineer, Software Engineering Team*

*New York City, NY*

- Contributed to the NYU CS wiki website, a project that helps students identify resources to further their education and career, using the ReactJS framework
- Led development on website sign on form feature, ensuring stable distribution

### The High School Mathematical Contest in Modeling (HiMCM)

Nov 2020

*Honorable Mention, Team Member*

*New Brunswick, NJ*

- built algorithm for calculating priority of Funding Biodiversity Conservation based on Taxonomic Uniqueness, Feasibility of Success and Year “n” cost using C++ and LaTeX
- Ranked top 7% among 862 international competing teams

## Projects

### Lobster AI | *NextJS, Vercel, Prisma ORM, MongoDB, Tailwind CSS, CI/CD*

Ongoing

- An open-source lobster themed AI SaaS platform that supports chat, code, music, image, and video generation features
- Developed and deployed using the NextJS framework and Vercel
- Established a data pipeline to identify user subscriptions and rate limits users from spamming
- Visit: [lobster-ai.vercel.app/](https://lobster-ai.vercel.app/) | Repo: [github.com/jsl1114/Lobster-AI](https://github.com/jsl1114/Lobster-AI)

### Terminal Website | *HTML, advaced CSS, JavaScript*

Apr 2024

- Designed and implemented an intuitive web user interface mimicking a terminal environment that responds to user typed commands
- Utilized HTML for structuring the content, CSS for styling and layout design, and JavaScript for interactive features
- Visit: [jsl1114.github.io/terminal\\_website](https://jsl1114.github.io/terminal_website) | Repo: [github.com/jsl1114/jsl1114.github.io/tree/main/terminal\\_website](https://github.com/jsl1114/jsl1114.github.io/tree/main/terminal_website)

## Technical Skills

**Languages:** Python, JavaScript (ES6, ES5), TypeScript, Java, C, HTML/CSS, SQL, L<sup>A</sup>T<sub>E</sub>X

**Developer Tools:** VS Code, Google Cloud Platform, Bash, Git, Vim

**Technologies/Frameworks:** AWS, ReactJS, NextJS, VueJS, Vercel, PostgreSQL, MongoDB, TensorFlow, PyTorch

## Certificates / Community Involvements

### FullStack Open |

Jan 2023 – Sept 2023

- University of Helsinki's modern web application course focused on building single page applications with ReactJS that use REST APIs built with Node.js or GraphQL

### RISE Against Hunger

Sept 2020 – May 2022

- Participated in meal packaging events that prepare healthy, balanced meals for children in underrepresented areas

## Education

### New York University

Sep 2022 – June 2026

*Bachelor of Science in Computer Science and Data Science, minor in Business Studies*

*New York City, New York*

**Coursework:** Object Oriented Programming, Algorithms, Operating Systems, Data Structures, Applied Internet Technology (Full stack Development), Artificial Intelligence, Natural Language Processing, Database Management, Calculus, Discrete Mathematics, Linear Algebra, Micro/Macroeconomics, Accounting