

JIAJUN LIU

Bayside, NY · 917-775-1088 ·

✉ jjl760@nyu.edu · [🌐 jjliu159](#) · [in jjliu159](#)

SKILLS

Languages: Python, Golang, Typescript, C++, SQL, HTML, Javascript

Technologies: Flask, Pandas, CSS/SCSS, React, REST APIs, Docker, GitLab, CI/CD, Webpack, MinIO

EXPERIENCE

VMWare

July 2022 - Present

Software Engineer, Developer Experience Team

- Migrated [developer.vmware.com](#), an API documentation website hosting 1,000's of REST APIs, off of Liferay to a more efficient and modern stack, using **Golang** for the backend and **Typescript**, **CSS/SCSS**, **HTML** for the frontend.
- Re-designed, developed, and debugged core components, such as [/apis](#), [/tools](#), and [/sdks](#), resulting in a decreased website loading time by at least 40%, cutting costs by \$200,000 annually, and increasing page views by 1M by the first year.
- Utilized **Docker** and **GitLab** as the primary version control, as well as the choice of CI/CD, ensuring an organized development workflow, and a reliable and scalable developer portal.
- Integrated and maintained Google Analytics 4, Google Universal Analytics, and Lumos Web Analytics, optimizing web performance and developer experience based on data-driven insights.
- Built unit tests to provide 95.37% test coverage, as well as addressing bugs from QA to ensure a smoother developer portal experience for 500+ daily active users.
- Currently working on Project Eve, a project intending to standardize and improve API specifications across VMWare by giving developers access to homegrown OpenAPI tooling.

eKanyone

May 2021 - August 2021

Software Engineer Intern

- Developed an eCommerce web application and a scraper built around the **Scrapy** library that harvested data such as product images and product pricing.

CavnessHR

January 2021 - May 2021

Software Developer Intern

- Debugged and tested website integrity, such as website outages and wrong website redirects, using **PHP** and **SQL**.

NYU VIP - Augmented Library

January 2020 - December 2020

Backend Student Developer

- Designed a real-time database using Firebase to store information of book locations in Bern Dibner Library.

NYU IT

April 2019 - May 2020

IT Analyst

- Diagnosed and resolved issues relating to account recovery and network issues for hundreds of students and professors.

PROJECTS

BetterMint *Golang*

- Currently building a web application using Plaid's API to create a budget tracker that can be personalized to the user based on their activity.

FindEats *Python*

- Developed a web application to assist store owners in giving out free food, as well assisting the less fortunate in finding free food using **Javascript**, **Flask**, and **PostgreSQL**.

Moodify *Javascript*

- Designed and developed a web application using **React** and **Javascript** capable of determining a person's mood based on their Spotify activity.

Finstagram *Python*

- Implemented various features to create a replica of Instagram, such as following and searching for users, as well as uploading pictures.

EDUCATION

New York University

May 2022

BS Computer Science | Minor: Math