Don Truong

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EDUCATION

Michigan State University   East Lansing, MI
BS in Computer Science, Honors College, GPA: 4.0   *Expected Graduation: May 2025*

Rewards
Presidential Study Abroad Scholarship, International Tuition Grant, #YouAreWelcomeHere Scholarship, Dean's List

Related Coursework
Data Structures & Algorithms, Web Development, iOS Development, Operating Systems, OOP in C++

EXPERIENCE

Salesforce (Software Engineer Intern)   May 2023 – August 2023
- Collaborated with a scrum team to build the next-generation marketing platform and help in production rollout on the Salesforce Core app.
- Implemented a QA page from scratch using **Java**, **JavaScript**, and **HTML** to provide a single click solution to integrate team's services within the organization.

Michigan State University (Research Assistant — Programmer)   October 2022 – May 2023
- Developed a website for the United States Department of Agriculture using **TypeScript, Vue 3, PHP, and Google Maps API**
- Implemented a customizable **Python** crawler to collect farmers market information from more than **50 different websites**.

Holistics (Software Engineer Intern)   May 2022 – September 2022
- Implemented new features (conditional expression, string interpolation, etc.) for a new programming language (AML) explicitly used for data analytics.
- Developed the AML Playground - an online editor for testing and demonstrating the programming language. This website was built with **TypeScript** and **Vue 3**.
- Developed an internal vscode extension from scratch to connect docs and codebase, speeding up the crawling process **from 10s to less than 1s**.

Open Energy Dashboard (Software Engineer Intern)   October 2021 – May 2022
- Performed security testing by writing **Bash** scripts and applied a rate limit to prevent DDoS attacks. Improving the exporting view using **React**, **Redux**, and **TypeScript**.
- Expanded the database and created new API routes to support over **30 different resource types** using **PostgresQL** and **JavaScript**. Reviewed code and migrated database for the new product version (1.0.0).

PROJECTS

Chat Room | *Java, TypeScript, Vue 3*   Feburary 2023 – March 2023
- A web application to send and receive text messages in real-time
- Github repository: https://github.com/truongdd03/chat-room

Search Engine | *C++*   June 2021 – July 2021
- A multi-threaded search engine that crawls information from multiple websites, extracts keywords, and returns appropriate results for on users' queries. Optimized query speed with LRU cache.
- Github repository: https://github.com/truongdd03/searchEngine

COMPETITIONS

Barter | *Sparta Hack 2022*   April 2022
- Winner of **Best Use of Google Cloud**
- Implemented in 36 hours, this is an exchanging items website with the mission of encouraging reuse.
- Github repository: https://github.com/truongdd03/SpartaHack

SKILLS

Languages: C++, Swift, Java, TypeScript, JavaScript, Python, HTML/CSS, SQL
Technologies: Firebase, Git, Node.js, React, Redux, Bash, Docker, Postgres, Vue