

Don Truong

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EDUCATION

Michigan State University

BS in Computer Science, Honors College, GPA: 4.0

East Lansing, MI

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 (Incoming Software Engineer Intern)

May 2023 – August 2023

- Joining UMA Performance Engineering team during Summer 2023.

Michigan State University (Research Assistant — Programmer)

October 2022 – Present

- 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.

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).

Chang's Kitchen (Software Engineer Intern)

May 2021 – August 2021

- Developed a website **JavaScript** and an iOS mobile app **Swift** for a restaurant to display daily menus and receive orders

PROJECTS

Chat Room | Java, TypeScript, Vue 3

February 2023 – Present

- 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, TypeScript, JavaScript, Python, HTML/CSS, SQL

Technologies: Firebase, Git, Node.js, React, Redux, Bash, Docker, Postgres, Vue