

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

Holistics (Software Engineer Intern)

May 2022 – September 2022

- Implemented new features (conditional expression, string interpolation, etc.) in **TypeScript** 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**.
- Collaborated in a team of 4 to develop an internal vscode extension from scratch to connect docs and codebase. Speeding up the crawling process **from 10s to less than 1s** per run.
- Refactored more than **200 files** and performed investigation on **2 performance issues**.

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 an iOS mobile app with **Swift** for customers to order food from the restaurant with daily rotating menus. Using Firebase database, the app allowed users to manage and re-order from order history.
- Designed a web app using **HTML/CSS** and **JavaScript** to manage orders from the mobile app, calculate profit, and analyze customers' data.

PROJECTS

Opty | Swift

August 2021 – September 2021

- A mobile-oriented social network for users to create resumes and get matched to related recruiting posts.
- Github repository: <https://github.com/truongdd03/Opty-IOS>

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>

Financial Diary | Swift

March 2021 – April 2021

- An iOS application to track users' expenses and incomes, as well as displaying real-time data of the stock market for investment suggestions.
- Github repository: <https://github.com/truongdd03/Financial-Diary>

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