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

Holistics (Software Engineer Intern)   May 2022 – September 2022
- Implemented new features (conditional expression, string interpolation, etc.) for a new programming language (AML) used specifically for data analytics.
- Developed the AML Playground - an online editor for testing and demonstrating the programming language.
- Collaborated in a team of 4 to develop an internal vscode extension from scratch to connect docs and codebase, improving the engineer team's productivity.
- 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 and applied a rate limit for access to prevent DDoS attacks. Removed redundant code and enhanced the data exporting process.
- Managed and expanded database to support different resource types. Reviewed code and created database migrations for the new product version.

Chang's Kitchen (Software Engineer Intern)   May 2021 – August 2021
- Developed an iOS mobile app 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 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 goal to reduce the amount of trash and connect people.
- 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