

Anthony Shinn

ayshinn@umich.com • 517-366-1661 • [ayshinn.github.io](https://github.com/ayshinn)
16950 Broadview Dr., East Lansing, MI 48823

EDUCATION

University of Michigan, Ann Arbor, MI

May 2019

B.S.E in Computer Science • 3.23/4.00

Coursework: Accessible Software • Databases • Operating Systems • Web Systems • Computer Security

EXPERIENCE

Amazon

Seattle, WA

SDE Intern on Website Request Routing

May 2018 – August 2018

- Developed a tool for tenant owners to route site traffic to different backend servers for fleet migrations
- Implemented new method to do controlled rerouting of traffic requests that lowers latency and extends support for *POST* requests on network traffic rerouting
- Created front-end user interface using JavaScript React for users to use my project
- Collaborated with multiple teams to modify several codebases to support necessary functionality

University of Michigan Taekwondo Club

Ann Arbor, MI

Web Master www.umtaekwondo.club/

January 2018 – Present

- Manages content updates and design changes for the club website
- Maintains the email accounts for the club with new members and replying to club inquiries

PROJECTS

University of Michigan, College of Engineering

Ann Arbor, MI

Class Web Application www.classmateapp.me/

May 2017 – April 2018

- Developed a web application for students in select courses to provide live-time presentation feedback on the effectiveness of the presenter
- Incorporated Python, JavaScript frameworks for front-end and SQL databases for back-end
- Collected and reported aggregate data in real time between devices in the app

University of Michigan, College of Engineering

Ann Arbor, MI

Log Manager

May 2017

- Developed a program in C++ to quickly search for and analyze large database of log entries
- Utilizes unordered map data structures to quickly perform keyword searches

Word Combinations Application

April 2017

- Integrates trie data structures to generate all word combinations given a set of letters & parameters

LEADERSHIP

University of Michigan Taekwondo Club

Ann Arbor, MI

Instructor

January 2016 – Present

- Instructs and leads the Beginner's Sparring Class every week to teach beginners how to spar
- Coaches Michigan team for collegiate sparring competitions in the East Coast Taekwondo Conference

Stockwell Hall Programming Board

Ann Arbor, MI

President

September 2016 – April 2017

- Obtained over \$7000 of funds through formal fund requests for Stockwell Hall programs
- Led and organized weekly meetings for funding and event ideas

SKILLS

Programming Languages: C/C++, Python, Java, HTML/CSS, SQL, JavaScript, Android, Matlab

Developer Tools: Unix, Git, Visual Studio, IntelliJ

Spoken Languages: Intermediate proficiency in Korean, Spanish