Anthony Shinn

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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
- Lowered latency and extended support for *POST* requests on network traffic rerouting
- Created front-end user interface using JavaScript React
- Worked with multiple teams to modify codebases and support necessary service calls for my project

University of Michigan Taekwondo Club   Ann Arbor, MI
Web Master www.umtaekwondo.club/   January 2018 – Present
- Manages the website and email accounts for the club

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
- Created user friendly app to collect and report aggregate data in real time between devices

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

Self-directed
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   January 2016 – Present
Instructor   Ann Arbor, MI
- Instructed and led the Beginner's Sparring Class every week
- Coached team for sparring competitions at national collegiate tournaments

Stockwell Hall Programming Board   September 2016 – April 2017
President   Ann Arbor, MI
- 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
Proficient: C/C++, Python, Java, HTML/CSS, Matlab
Familiar: SQL, JavaScript, Android
Other
Computer: Unix, Git, Visual Studio, IntelliJ
Language: Intermediate proficiency in Korean, Spanish