

Anthony Shinn

anthony.shinn48@gmail.com • 517-366-1661 • <https://ayshinn.github.io>
Seattle, WA 98102

EDUCATION

University of Michigan, Ann Arbor, MI

May 2019

B.S.E in Computer Science • 3.3/4.0

Coursework: Machine Learning • Operating Systems • Databases • Web Systems • Computer Security • Accessible Software • Information Retrieval

EXPERIENCE

Amazon

Seattle, WA

Software Development Engineer on Amazon Security

July 2019 – August 2022

- Designed and created Amazon's internal central tool for software security management
- Implemented core APIs used by tens of thousands of customers to manage security data
- Developed a UI page in React for users to request/manage exemptions from software security issues
- Met with stakeholders and partner teams to identify business needs and requirements for security experts to use our product
- Implemented fixes to common security issues into automated remediations with AWS APIs
- Wrote and maintained design documents, on-call runbooks and user guides for team

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 controlled rerouting of traffic requests that lowers latency on network traffic rerouting
- Created front-end user interface using JavaScript React for users to use my project

PROJECTS

University of Michigan, College of Engineering

Ann Arbor, MI

Yelp Reviews Summary Generator

January 2018 – April 2019

- Developed an application to scrape all Yelp reviews for a restaurant and aggregates them into one summary review

Alexa M.D.

September 2018 – December 2018

- Developed a voice-first Alexa skill on the Amazon Fire TV cube for operating surgeons
- Allowed surgeons to easily access and view numerous files such as CAT scans during an operation
- Worked alongside Dr. Marcus Jarboe of C.S. Mott Hospital to address specific accessibility needs

Class Web Application

May 2017 – April 2018

- Developed a web application for students to provide live-time feedback for a 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

LEADERSHIP

University of Washington Taekwondo Club

August 2019 – Present

University of Michigan Taekwondo Club

January 2016 – April 2019

Instructor/Coach

- Instructs club practice weekly for strength, sparring skills and technique development to 20+ students
- Prepares lesson plans catered to individual and group needs
- Coached Michigan team for national collegiate sparring competitions

SKILLS

Programming Languages: Java, Typescript/Javascript, React, Redux, C/C++, Python, SQL, HTML/CSS

Developer Tools: Unix, Git, Visual Studio Code, IntelliJ, AWS (CDK, DynamoDB, KMS, IAM, EventBridge, SQS, CloudWatch, Lambda)

Spoken Languages: Intermediate proficiency in Korean, Spanish