**­­Anthony Shinn**

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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