

Anthony Shinn

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Seattle, WA 98102

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 on pages serving 1,000+ daily users to manage security data
- Designed and implemented an end-to-end guardrails system to streamline creation of hundreds of discovered security risk types in our security management platform
- Developed a webpage in React to request/manage security exemptions used by 1,000s of engineers
- Executed migration and transformation of over 100,000 active security issue reports to new system
- Met with stakeholders and partner teams to identify business needs and requirements for security experts to use our product
- 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 Python application to scrape and summarize Yelp reviews for a restaurant into one summary review for customers

Alexa M.D.

September 2018 – December 2018

- Developed a voice-first Alexa skill on the Amazon Fire TV cube to assist surgeons in operating rooms
- Gathered requirements from surgeons at 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

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

DEVELOPER 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)

OTHER

Spoken Languages: Intermediate proficiency in Korean, Spanish

Leadership: Head coach/instructor of collegiate taekwondo clubs for University of Michigan & Washington since 2016. Led competitors to, and competed at, Collegiate Nationals in 2019 at Austin, TX winning bronze