Nathaniel MacKinlay

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WORK EXPERIENCE

Amazon   **Tempe, AZ**
Frontend Engineer II, Amazon Seller Partner & Trust   June 2024 – Present

Amazon Web Services   **Seattle, WA**
Frontend Engineer, Amazon CodeCatalyst, Web Platform Team   May 2022 – June 2024
- Designed and implemented client-side notification API to communicate system notifications and statuses of customer initiated mutating actions across applications.
- Lead design and development on a product-wide system to detect and alert users on session expiration, preventing users from losing their work and allowing the removal of redundant API calls.
- Lead development and drove a campaign across vertical applications to implement CSS best practices and remove unsafe inline CSS.

Hawaiian Airlines   **Tempe, AZ**
Associate Software Development Engineer, Web   August 2021 – May 2022
- Rewrote existing state management using NGRX across shopping and booking web applications.
- Created a style guide and library template to reduce ambiguity and expedite development time by enforcing standards

Intern Software Development Engineer, Common Components   June 2021 – August 2021
- Created build pipeline and script to automatically build and publish custom libraries, reducing development time significantly.

EDUCATION

Arizona State University   **Tempe, Arizona**
Master of Computer Science | 3.61 GPA   December 2022

Bachelor of Arts in Philosophy | 3.9 GPA   December 2020

SKILLS

TypeScript/JavaScript, React, React Native, Node, CSS, HTML, AWS CDK, Python, Figma, Swift, C#

PROJECTS AND HACKATHONS

State Farm Annual Hackathon | *1st Place For Most Creative, 3rd Overall*   **Tempe, AZ**
HTML5 Educational Game   June 2020
- Created a web based game using JavaScript, Express and Node to teach customers about insurance coverages, track their progress as they improve, and compete against the high score.

Foxtrot
Mobile App
- Designed a social and gamified step counter to make it easier to hit your fitness goals.
- Implemented with React native for UI and AWS/Node on the backend.