

ADAM FILIZ

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EXPERIENCE

Panda Global | Full Stack Software Engineer

June 2022 - January 2023

React | Typescript | HTML/CSS | Javascript | Node.js | WebSocket | Figma

- Coded 9 websites that display Esports statistics during live events with 30,000+ viewers and on company Twitter posts
- Built 8 modular components for React-based broadcast app used to update event data and livestreams
- Realized UX and UI designs made in Figma into interactive data visualization websites for use in live broadcasts
- Coordinated with stakeholders and software engineers on project goals and functionality

Amazon | Software Development Engineer

September 2020 - October 2021

Java | Ruby on Rails | AWS | Python | Javascript | HTML/CSS | REST API

- Worked as an Alexa full stack developer on a service that helps customers learn about Alexa's capabilities
- Led development effort to support Arabic as a language and expand the service to 2 new countries
- Improved and maintained the service's content management website and content validation tool
- Launched backend API scheduling system to serve customers content at specific times of the day
- Scaled service infrastructure for high-traffic events like Christmas, accommodating for 3 times the average traffic load
- Designed system that allows service to dynamically support serving content to any country

Riverbed Technology | Software Engineering Intern

June 2019 - August 2019

Python | CentOS | RPM Package Manager | UNIX

- Developed a Python utility to automatically handle firmware updates for existing and new products
- Expanded functionality of the utility by adding support for 3 additional proprietary platforms
- Created installation package for utility to facilitate easy installations on new platforms
- Wrote technical documentation on the utility's usage instructions and new features
- Utility is currently used by company's customers and employees to update their products' firmware easily

TECHNICAL SKILLS

Languages | Javascript, Python, Java, Typescript, C++

Web Development | React.js, HTML, CSS, Node.js, WebSocket, Tailwind CSS, npm

Technologies and Practices | Git, AWS (S3, EC2, DynamoDB, Lambda), Figma, Unit Testing, UNIX, Agile/Scrum

Libraries and Databases | three.js, WebGL, Matplotlib, D3.js, MySQL, JUnit

EDUCATION

University of Santa Cruz - Bachelor of Science in Computer Science, Minor in Bioinformatics | Graduated with Honors 2020

PROJECTS

Exo: A NASA Exoplanet Visualization

Javascript | three.js | WebGL | HTML/CSS | NASA Exoplanet Archive API

3D data visualization web app that visualizes all of the exoplanets discovered by NASA. Allows users to compare the differences in data between groups of exoplanets in a 3D environment.

Spotifam

React | Javascript | three.js

Web app that enables users to create a collaborative playlist together to listen to. Developed as part of team of 6. Worked on UI with React and developed the app's 3D three.js visualization that runs while music plays.