

Samson DeVol

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Work Experience

Subject Matter Expert

Applause AI/ML Team, Remote, January 2024 - Current

- Participate in team lead efforts to migrate an existing web application from Vite to Nuxt, while maintaining live projects running within both applications.
- Design storyboards to assign developers tickets for week long sprint cycles using Jira, review pull requests in GitHub, and promote container images to a staging environment for regression testing.
- Develop automated Python scripts to run hourly Cron jobs pulling large data sets and files from various storage locations and transforming data to meet specifications for training AI models and product testing for Meta, Microsoft, Discover and multiple other clients.
- Researched and instituted a contact center using AWS services resulting in 49% team cost savings and a 23% reduction in manual labor hours, which is now being templated and scaled to various use cases company wide for external communications
- Write code in JavaScript, TypeScript, HTML, and Python to query MongoDB and third party APIs and provide intuitive UX web components to interact with and manipulate data.

Robotics and Coding Instructor

Forge Academy, Bend, OR October 2022 – February 2023

- Introduced ten middle school students to coding fundamentals demonstrated through requirements gathering, hardware design, and software development using Lego robotics during weekly two-hour lessons.
- Facilitated conversation between students, staff, and parents to determine student interest and implement lesson plans that aligned with quarterly demonstrations to the local community.

Information Technology Intern

Vividion Therapeutics, Bayer, San Diego, CA June 2022 – September 2022

- Developed Python scripts to automate Microsoft's Active Directory processes to manage CRUD operations for user databases, alleviating systems administration employees from repeating manual tasks.
- Deployed virtual machines on three operating systems to create development environments for testing business software, such as network firewalls and server interactions using Hyper-V and Azure Cloud.

Education

Bachelor of Science in Computer Science with focus in Entrepreneurship

Oregon State University, Bend, OR September 2020 - June 2023

Technical Skills

Languages

Python, JavaScript, TypeScript, C, C++, HTML/CSS, SQL, Ruby, PHP

Code Management Tools

Git, AWS CLI, Docker, Rancher, DataDog, Jira, Monday, Postman

Concepts and Frameworks

CI/CD, APIs, LLMs, HTTP, NoSQL, Nuxt, Vite, React,