

Oliver Seth-Smith

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RELEVANT WORK EXPERIENCE

Nanoinfo

Jan 2025 - Aug 2025

Software Engineering Intern | Linux, MySQL, JavaScript

Remote

- Debugged and resolved **20+** front-end issues using **JavaScript**, improving application reliability and reducing user-reported website errors.
- Upgraded **MySQL** from **5.7 to 8.0**, restored database connectivity, and optimized **SQL** queries, improving data integrity and query performance.
- Troubleshooted and resolved front-end issues using **JavaScript, HTML, and CSS**, restoring functionality across multiple web application components.

Fantasy Events

Oct 2020 - Present

Information Technology Support Specialist | Windows, Microsoft 365, Zoom

San Dimas, CA

- Led the migration to a hybrid in-person/virtual event model using **Windows, Microsoft 365, and Zoom** to facilitate online collaboration, **maintaining business operations throughout the COVID-19 pandemic**.
- Provided on-site IT support using **Windows**, networking, and endpoint management tools, **resolving hardware and software issues to minimize downtime during live events**.
- Collaborated with management to improve technical workflows and implement operational changes, **reducing service interruptions during live events**.

PROJECTS

B.O.S.C.O: Bunch of Stuff Courtesy of Oliver

July 2026 - Present

Self-Hosted Homelab Environment | Proxmox, Docker, Terraform, Ansible

Glendora, CA

- Designed, built, and maintained a self-hosted infrastructure using **Proxmox**, managing **3 physical servers** across computers, storage, and networking.
- Provisioned infrastructure as code using **Terraform** and automated configuration management with **Ansible Playbooks**, reducing manual administration across all servers.
- Containerized and deployed self-hosted services using **Docker** and implemented **CI/CD pipelines**, enabling repeatable deployments with minimal downtime.
- Monitored **Linux** systems, networking, and hardware infrastructure, troubleshooting issues to maintain reliable service availability.

EzCommerce

Aug 2024 - Dec 2024

Full-Stack E-Commerce Platform | Node.js, Google Firebase, Javascript, HTML/CSS

San Bernardino, CA

- Led a **6-developer Agile team** through the software development lifecycle, delivering a full-stack e-commerce platform using Scrum methodologies.
- Developed **RESTful APIs** using **Node.js** and **Python**, supporting secure user authentication and transaction processing.
- Developed responsive frontend components using **JavaScript, HTML, and CSS**, integrating backend APIs to deliver a seamless user experience.

TECHNICAL SKILLS

Infrastructure & Automation: Terraform, Ansible, Docker, CI/CD Pipelines, Bash Scripting, Linux Server Administration, Homelab Infrastructure Design & Operations

Programming Languages: Python, JavaScript, SQL, Bash

Systems & Tools: Git/GitHub, MySQL, Node.js, REST APIs, VS Code, Networking & Virtualization

Practices: Agile/Scrum, Unit & Integration Testing, Full-Stack Development, Object-Oriented Programming

EDUCATION

California State University, San Bernardino

Aug 2025

Bachelor's Degree of Science, Computer Science - Minor in Data Science

CSUSB GPA: 3.9/4.0