

Seth Stephanz

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EXPERIENCE

Software Development Intern

Aug. 2025 – Present

Hiker's Weather

Remote

- Implemented standalone async caching logic in Python, integrating with Upstash Redis to optimize data retrieval and minimize API load
- Resolved frontend bugs in Dart, improving component behavior and application performance across devices

Teaching Assistant

June 2023 – Sept. 2024

Oregon State University

Remote

- Assisted 300+ students in Computer Architecture & Assembly and Operating Systems courses
- Assessed student projects written in x86 assembly and C programming languages
- Provided live technical support while collaborating with students, professors, and fellow TAs to break down complex course and assignment requirements

Content Manager

July 2019 – Oct. 2020

Apple (Harvey Nash)

Coralville, IA

- Utilized content management system to review and debug customer-facing content seen by up to more than 1M customers
- Tracked technical and layout issues with hundreds of publications using ticket system
- Evaluated content for cross-platform consistency and usability
- Prepared technical reports on status of reviewed content

EDUCATION

Georgia Institute of Technology

Remote

Master of Science in Computer Science

In Progress

Oregon State University

Corvallis, OR

Bachelor of Science in Computer Science

Sept. 2024

University of Iowa (Iowa Writers' Workshop)

Iowa City, IA

Master of Fine Arts in Creative Writing

May 2018

University of Wisconsin–Madison

Madison, WI

Bachelor of Arts in Philosophy

May 2015

PROJECTS

Personal C Library | C

Winter 2025 - Present

- Developed C utility library with string parsing, linked lists, and memory management routines, emphasizing efficient API design and low-level programming

Roof Rack Configurator (sponsored project) | *Shopify Hydrogen, GraphQL*

Summer 2024

- Coordinated with team to improve company web app, resulting in customer data capture and more responsive app behavior

Cloud-Based Database Management API | *Google Datastore, Google Cloud, Auth0*

Spring 2024

- Implemented secure API endpoints, allowing users to manage cloud-based database

Reliable Data Transfer | *Network protocols, packet loss management, data integrity*

Summer 2023

- Developed program following reliable data transfer (RDT) methodology to deliver data over unreliable network

Full-Stack Database Project | *HTML, CSS, JavaScript, Handlebars*

Spring 2023

- Partnered with teammate to build full-stack marketplace project with frontend and relational database support

TECHNICAL SKILLS

Languages: Python, C, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress, Handlebars

Developer Tools: Git, Github, Docker, Google Cloud Platform, Vim, Visual Studio, PyCharm, STM32CubeIDE