Sophie Young

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OBJECTIVE

A full stack software development position practicing agile development for January 2025.

EDUCATION

The Ohio State University, Columbus, OH	*December 2024*
B.S. Computer Science and Engineering	Overall GPA: 3.15

TEAM PROJECT EXPERIENCE

Sublinks Development Team - demo.sublinks.org   *June 2024 – Present*

- Working with a team of volunteers to create an open-source link aggregator

- Agile Methodology, PostgreSQL, Docker, Spring Boot, ActivityPub, RabbitMQ

Fedihosting Foundation   *June 2024 - Present*

- Developing infrastructure to host a range of fediverse applications

Course Grader Matching Web Application   *January - May 2024*

- Led a team of six developers to create a Ruby on Rails web application matching CSE courses to applicants

- Employed SQL to interface with an API to fetch and store course data from the OSU catalog

- Fed data to view using SQLite database

PERSONAL PROJECTS

Personal Website – flwrstems.mooo.com

- Configured Nginx webserver hosted on a Digital Ocean droplet to serve static webpages

Discord Bot

- Interfaced with the Discord API to implement music streaming functionality and welcome users

QUALIFICATIONS

Technical - SQL, Java, Python, Microsoft Office Suite, Ruby on Rails, Visual Studio, Git, Azure DevOps, C#

Coursework - Introduction to Databases, Interactive Systems/Web Applications, Data Structures and Algorithms

Personal Interests – Desktop computer hardware, Raspberry Pi projects, customizing Linux DE's, Digital Audio Workstations

HONORS AND ACTIVITIES

The Ohio State University Cyber Security Club   *2021-2024*

- Participated in BuckeyeCTF 2021 - 2023, a capture the flag style cybersecurity competition between students from multiple universities

- Achieved 52 points worth of CTF challenges available on the cybersecurity bootcamp website.