**Sophie Young**

[flwrstems@proton.me](mailto:flwrstems@proton.me) | [GitHub](https://github.com/rping-qwfpgj)

**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](https://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**](https://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**](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.