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
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

Indie Game Development   *August - December 2022*

- Developed a recreation a NES game using the MonoGame framework in a team of 5 undergrad students

- Employed Agile Software Development to complete the project across multiple 3-week sprints

- Used the State Design Pattern to encapsulate object behavior across 150+ classes

PERSONAL PROJECTS
Discord Bot

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

Personal Website – flwrstems.mooo.com

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

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.

Achieved Eagle Scout Rank   *2019*