**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**](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*