Sophie Young

flwrstems@proton.me | GitHub

OBJECTIVE
A full time position engineering cloud software solutions starting in May 2025.

EDUCATION

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

EXPERIENCE

Volunteer DevOps Engineer at Fedihosting Foundation   *June 2024 - Present*
−   Developing infrastructure to support 700k+ users across 7 unique federated social media platforms
−   Ansible, Datadog, Teleport, Taskfile, Docker, Invoke

Information Technology Support at Ohio State University Classroom Services   *September 2024 - Present*
−   Providing level 1 tech support and maintaining hundreds of classrooms with a team of 20+ technicians
−   Interfacing with users through on call appointments to diagnose and resolve technical issues
−   Tracking service requests through the Service Now ticketing system

PROJECTS

Lemmy-Stats-Logger
−   Developing an application to track user statistics for Lemmy instances (open source Reddit alternative)
−   Takes daily snapshots of the community aggregates table of an instance and saves to a Timescale database for time series analysis
−   Developing for internal use at the Fedihosting Foundation, with plans to open source for instance admins
−   PostgreSQL, TimescaleDB, Python

Personal Website – flwrstems.mooo.com
−   Configured an Nginx web server hosted on a DigitalOcean droplet to serve static web pages
−   I plan to join the indie web with a self hosted WordPress server connected to the fediverse and atmosphere

QUALIFICATIONS

Technical - sh, DNS, TCP/IP, SQL, HTTP, Python, Git, C#

Coursework - Introduction to Databases, Introduction to Cybersecurity, Data Structures and Algorithms

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

Personal Interests – Homebrewing my 3DS! I play games on my handheld Linux consoles with RetroArch.
I'm starting an internet art collective called goop tech. You'll catch me hanging out on the tilde.town IRC.