Sophie Young

flwrstems@proton.me | GitHub

EDUCATION
The Ohio State University, Columbus, OH *December 2024*
B.S. Computer Science and Engineering

QUALIFICATIONS
Technical - Git, Ansible, Terraform, Datadog, Docker, PostgreSQL, Python, bash, DNS, TCP/IP, HTTP

EXPERIENCE
Volunteer DevOps Engineer at Fedihosting Foundation *June 2024 - Present*
- Developing infrastructure to support 700k+ users across 7 unique federated social media platforms
- Supporting public speech with an international team of volunteers funded by user donations

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 Postgres database for time series analysis
- Developing for internal use at the Fedihosting Foundation, with plans to open source for instance admins

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

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 – Recently I've been following this tutorial on creating a VPN with DNS-level ad-blocking. Sometimes I log into the OverTheWire servers to practice security. I game on my handheld Linux consoles with RetroArch.