Robert Detjens

DevOps / Sysadmin

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Github ⓞ
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Education

BS in Computer Science (Systems focus)
Oregon State University, 2018 - 2022 (est.)

3.48 GPA | Notable classes:
- CS 312: System Administration
- CS 344/444: Operating Systems I / II
- CS 361/362: Software Design I / II
- CS 427: Cryptography

Experience

Student Systems Engineer
OSU Open Source Lab, Nov. 2019 - present
- Maintained Linux infrastructure fleet for hosting open-source projects
- Investigated and fixed customer infrastructure problems
- Developed Chef deployment suites to configure systems
- Provisioned virtualized infrastructure for projects with Openstack
- Greatly improved internal documentation and onboarding guides

Extracurriculars

Open Source Contributions
Sous Chefs Chef cookbooks
- Added `dnf_module` resource to `yum` to manage DNF module streams
- Updated `yum-remi-chef` to support CentOS 8 and DNF modules
- Refactored `nfs`, `chef-acme`, and `composer` cookbooks to use modern Chef features and compatibility

Club Vice President & Treasurer
OSU Linux Users Group, 2021 - 2022
- Coordinated with club members to plan events
- Performed talks on Linux-related topics
- Maintained club infrastructure (website, wiki, Matrix instance)
- Developed deployment pipeline to automate website updates

Club Member
OSU Security Club, 2019 - 2022
- Set up on-demand AWS EC2 VM creation for members via Discord bot
- Competed in DOE Cyberforce CDC 2021 (1st regional, 7th overall)
- Competed in DEFCON CTF Qualifiers (22nd in 2020, 27th in 2021)

Skills

Programming Languages
- Ruby
- Python
- Shell
- C

Software & Tools
- Chef
- Linux
- Git
- GitHub
- AWS EC2
- Docker
- OpenStack
- HAProxy