

# Cameron Weinfurt

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## Experience

### Clarkson University

Potsdam, NY

#### *Teacher's Assistant for Operating Systems course*

*January 2021 - May 2021*

- Handle the presentation and grading for course projects
- Create, deliver and grade material for several lab sessions
- Coordinate weekly with the professor and other TA on upcoming material
- Provide assistance to students through email, live office hours and class forum

## Education

### Clarkson University

Potsdam, NY

#### *B.S. Computer Science with Math Minor (3.312 GPA)*

*August 2018 - August 2021*

## Extracurricular

### Clarkson University

Potsdam, NY

#### *Clarkson Open Source Institute (COSI)*

*August 2019 - November 2020*

- Manage Juniper and TP-Link switches configured with VLANs
- Configure the local firewall, DNS and DHCP services using provided public IPv4 /23 range
- Maintain bare metal systems maintenance of 11 servers in two locations
- Deploy system builds for computer lab and connected classroom
- Provision virtual machines for university organizations, and student lead projects/websites
- Maintain a public open-source software mirror, which mirrors several Linux distributions and individual software packages such as Blender and VLC
- Assist and support in maintaining professor research servers
- Presented an introduction to software development on Linux to other university students

## Additional Skills

### Programming Languages

Confident: Rust, C, Lua

Familiar: Java, Kotlin, C++, Ruby

### Linux

- Experience with maintaining systems running Ubuntu, Arch, Gentoo and NixOS
- Worked with the libvirt/qemu virtualization environment

### Tooling

- Extensive use of version control software with Git
- Writing Makefiles for GNU Make
- Perform network administration using iptables, dhcpd, bind9, VLANs
- Hosting websites via Nginx with HTTPS support

*Updated June 3rd, 2021*