

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 (3.359 GPA)

August 2018 - December 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 university organizations, and student lead projects and 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, C++, Lua

Familiar: Java, Kotlin, C#, Haskell

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 February 25th, 2021