

Conner Gorman

DEVOPS ENGINEER

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Summary

A computer science and mathematics graduate looking to apply my skills in DevOps automation and orchestration. A self-directed learner with experience in system administration, data science, and technical support. Effective problem solver and communicator who can analyze a problem and communicate complete solutions to a team.

Education

Carnegie Mellon University

Pittsburgh, PA

MA in Philosophy, Thesis: *Freedom as Non-Delusion: James Baldwin on Freedom and Ideology*

Aug 2020 - Aug 2022

- Specialized in ethics and political philosophy
- Additional areas of competence include epistemic logic, game theory, and decision theory

University of Maryland

College Park, MD

B.S. in Computer Science B.S. in Mathematics

Jan 2017 - May 2020

- Areas of focus included machine learning, formal logic, and complexity theory
- Received a minor in Philosophy, focusing on formal logic and causality

Employment

Department of Philosophy, Carnegie Mellon University

Pittsburgh, PA

August 2020 - July 2022

Course Instructor

Summer Semesters

- Developed and taught political philosophy courses over the summer semesters
- Worked with senior lecturers and professors to develop pedagogical skills

Teaching Assistant, Various

Fall and Spring Semesters

- Worked with lead instructors to manage courses
- Led discussion sections weekly, graded student assignments, and worked with students one-on-one in office hours
- Filled in for the lead instructor to give lectures

Department of Mathematics, University of Maryland

College Park, MD

Teaching Assistant

August 2019 - May 2020

- Led Calculus 1 and 2 discussion sections for 25+ students twice weekly
- Worked with students one-on-one and in small groups to explain calculus concepts and work through problems step-by-step
- Worked with a team of TAs and professors to administer and grade exams to courses of 100+ students

UMIACS, University of Maryland

College Park, MD

System Administrator

May 2018 - July 2019

- Managed large \$22 million data center with root level privileges
- Administered RHEL servers including system/service deployment and state enforcement using Puppet and Bash
- Provisioned and configured resources for hosts in ESXi, RHEV, and KVM
- Familiarized with tools including sed, awk, grep, and other Linux utilities
- Provided system administration for an 100+ employee and 1,200+ computer environment
- Worked with a team to ensure rapid resolution of issues and maintain high quality of service for researchers

Projects

Homelab

Self-Hosted Testing and Learning Lab

2018-Present

- Apply professional experience to deploy a datacenter-like home lab environment
- Leverage Ansible, Terraform, and Cloud-init to manage the deployment and configuration of bare-metal and virtual hosts
- Manage a complete network stack, including routing, firewalls, VLANs, DNS, and DHCP
- Test new software and OS tools to improve workflows and optimize hardware utilization