

# CAMERON CUMMINGS

<https://linkedin.com/in/cameron-a-cummings> | [contact@cameroncummings.cc](mailto:contact@cameroncummings.cc) | Phone number available on request

**EDUCATION** **BRIGHAM YOUNG UNIVERSITY, PROVO, UTAH**  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

**SKILLS**

• Python	• Git	• Troubleshooting
• Linux	• AWS	• Server management
• Networking	• C/C++	• Leadership

**EXPERIENCE** **SOFTWARE DEVELOPMENT ENGINEER**  
**AMAZON**  
MARCH 2022 – PRESENT

- Design and implement internal network management applications
- AWS, including Lambda, DynamoDB, S3, API Gateway, CloudWatch, IAM, SES, and CDK
- Work on a full-stack team to develop front and back end simultaneously
  - I usually work on backend, writing API code in Python with Flask framework
- On-call every 5 weeks, resolving urgent customer issues, and creating scripts to automate fixes to be reused in the future
- Designed and implemented rolling deployment scheduler for firewall rulesets
- Designed new data model structure for our application to allow us to support new use cases
- Implemented automation for ruleset deployment and network request generation

**LINUX SYSTEMS ENGINEER, TEAM LEADER**  
**BYU COLLEGE OF LIFE SCIENCES**  
AUGUST 2017 – JANUARY 2022

- Build and maintain several critical Linux servers
- Write and maintain code for internal APIs, including a program for generating Apache reverse proxy configuration from a MySQL database
- Work with professors to troubleshoot and resolve problems with their Linux servers
- Built new Linux digital signage deployment solution from the ground up
- Write and maintain scripts to automate Linux server management
- Meet with team members to discuss projects and address concerns
- Train new team members and resolve conflicts as they come up
- Collaborate with my team and other teams to build new Linux-based systems
- Maintain in-house GitLab server to host code for the college's websites

## NOTABLE PERSONAL PROJECTS

- Recipe-writer, a tool for writing recipes in Markdown format
- Blabbermac, a script to make a Mac speak the content of a remote file
- Home server setup, including Apache reverse proxy, DNS server, VPN server, Proxmox, and SSH tunnelling to simulate public IP address (I didn't know about Tailscale at the time, so I hacked something together)

**AWARDS**

- Eagle Scout, Boy Scouts of America