

---

## EDUCATION

Bachelor of Science | Biological Engineering  
Minor: Computer Science  
Utah State University (2015-2020)

## IN PROGRESS

Masters of Engineering  
Systems Engineering  
University of Virginia (2024-2025)

## LICENSES

NCEES: Engineering License  
CompTIA Security+

---

## EXPERIENCE

### Cloud Operations Engineer – Level 2

*Jamf | Remote, Utah | March 2024 – Current*

- Streamlined tool setup and complexity by leveraging Homebrew to package and bottle Python scripts, facilitating effortless deployment and upgrades
- Created a Swift app prototype to interface with an internal CLI-only API
- Developed a terraform config to create multiple dashboard for different regions from a single template for New Relic
- Helped reduce cost of AWS utilization with EC2 and RDS by roughly \$250,000 a month from reduction of instances and storage
- All responsibilities listed below

### Cloud Operations Engineer – Level 1

*Jamf | Remote, Utah | August 2022 – March 2024*

- Monitored Kubernetes and Linux system, database, and network performance to detect problems early and respond within SLA
  - Reduced workflow time from 30 minutes to 15 seconds with a Python script, saving approximately 100 days globally each week
  - Configured and maintained server auditing and network monitoring tools with Grafana and Prometheus
  - Helped develop new Standard Operating Procedures and streamlined current procedures to be more efficient
  - Facilitated training and support for new engineers on our systems
- 

## SKILLS

**Git:** Working with bitbucket and GitHub to store scripts and collaborate with team members. Code review changes in develop before creating a release for the master branch.

**Kubernetes:** Deployed container orchestration across multiple nodes to serve web applications, including open-source projects like Prometheus, Grafana, and personal websites, to clients.

**Monitoring and Metrics:** Implemented resource visualization for host systems and individual clients on each node. Established rules to promptly alert team members of incidents requiring action to rectify any client system issues.

**Python:** Created scripts to streamline Engineer tasks, delivering timely updates to stakeholders. These scripts automated data retrieval from databases, facilitated documentation creation, and enhanced scalability.

**AWS:** Collaborated with various services to maintain client instances: RDS and EC2 deployed across multiple availability zones for outage resilience, Cloudwatch utilized for investigating connectivity issues with our logstream to clients' log management systems, and application load balancers employed to distribute inbound connections across nodes.

• Jira • Virtualization • Mac • Linux • Docker • Windows • Packer • Ansible • Terraform • AWS • Vault •