Samuel **Calvert**

COMPUTER ENGINEERING PROFESSIONAL · INFRASTRUCTURE SPECIALIST

New York City Metropolitan Area

(xxx) xxx-xxxx | samuel.calvert@example.com | samcalvert | samuelcalvert

Computer Engineering professional with expertise in infrastructure automation, networking, and systems troubleshooting.

Experience

Haivision
Remote, New York City Metropolitan Area

TECHNICAL SUPPORT ENGINEER
Jul. 2022 - Present

- Identify and resolve deployment problems while effectively coordinating with cross-functional teams
- Implement and maintain monitoring solutions to proactively address system issues
- Troubleshoot complex network configurations and streaming media infrastructure
- Develop and document standard operating procedures for critical system components
- Provide technical guidance to internal teams and external clients

University of Delaware EECIS Department
Newark, DE

LAB STAFF
Jun. 2019 - Aug. 2021

- Maintained university servers and computer systems for web hosting, data backups, and production
- Developed and maintained university-sponsored technical projects
- Assisted with system administration and infrastructure support tasks
- Implemented automation for routine maintenance procedures

University of Delaware Machine Learning
Newark, DE

RESEARCH INTERN
Jun. 2020 - Aug. 2020

- Developed network intrusion detection systems (IDS) using machine learning techniques
- Implemented GAN-based approaches for anomaly detection in network traffic
- Containerized solutions using Docker for deployment flexibility
- Created documentation and testing procedures for research outcomes

Dohop ehf.
Reykjavik, Iceland

SOFTWARE ENGINEER
Jun. 2019 - Aug. 2019

- Developed full-stack solutions using ReactJS for frontend web interfaces
- Engineered backend metabooking services to manage airline reservations
- Collaborated in an international team environment with agile methodologies
- Implemented CI/CD pipelines for continuous deployment

Projects

Homelab Kubernetes Infrastructure

PERSONAL PROJECT

- Designed and implemented multi-environment Kubernetes clusters running on Proxmox VMs
- Created complete infrastructure-as-code solution using Terraform, Ansible, and GitOps methodologies
- Developed automation for the entire infrastructure lifecycle from VM template creation to application deployment
- Implemented monitoring stacks with Prometheus/Grafana and self-hosted DNS solutions
- Architected environment-specific configurations while maintaining common base components

Education

University of Delaware
Newark, DE

BACHELOR OF ENGINEERING IN COMPUTER ENGINEERING
Graduated May 2022

- GPA: 3.5/4.0
- Dean's List Honors

Leadership

Hackathon Club, University of Delaware *Newark, DE*

PRESIDENT *Sep. 2019 - Jun. 2020*

- Led organization of hackathon participation for university students
- Facilitated rapid prototyping and development workshops

Linux Users Group, University of Delaware *Newark, DE*

PRESIDENT *May 2019 - Jun. 2022*

- Organized educational events on open-source software implementations
- Designed curriculum for members with varying technical competency levels

Technical Skills

Infrastructure	Kubernetes, Docker, Proxmox, Terraform, Ansible, GitOps
Programming	Python, C, Rust, Java, JavaScript
DevOps	CI/CD, Infrastructure Automation, Configuration Management
Networking	DNS, Load Balancing, Network Architecture, Security
Tools	Git, Linux, Prometheus, Grafana, Traefik, Cert-Manager