

Evan Foster

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Murray, UT USA

Work Experience

SuperLumin Networks

SuperLumin Networks develops a custom, high performance caching proxy built for video and CDN capabilities.

Advisory Linux Engineer

December 2016 – Present

Technology Engineer

March 2016 – December 2016

Development Technician

March 2016 – May 2013 - March 2016

- Designed and implemented a custom DNS server as a part of a larger L7 routing product
- Created an imaging system which provisions hundreds of physical servers concurrently for shipment to various customers
- Provisioned, administrated, and deployed applications on several Kubernetes clusters
- Designed and implemented a distributed JS-rendering web crawler which generates manifests of customer content for caching
- Managed a team of interns and full-time employees

Programming Languages

- Python - Advanced
- Shell - POSIX and Bashisms - Advanced

Technologies

- Container orchestration and tooling: Kubernetes, k3s, Rancher, rke, Helm, Rook, MetalLB, Istio, cert-manager
- Container runtime: Docker (containerd)
- Infrastructure: Gitlab, Harbor, Hashicorp Vault & Consul, 389-DS
- Automation: Ansible
- Linux: CentOS/RHEL, SuSE, Ubuntu, Arch Linux
- Cisco: IOS, IOS-XE, ASA
- Linux networking: `iptables`, `iproute2`, `netns`
- Network diagnostics: `nmap`, `tcpdump`, Wireshark, `arp-scan`
- Virtualization: KVM and KVM-based platforms such as oVirt and OpenStack
- Databases: SQLite, InfluxDB, MongoDB
- Monitoring and dashboarding: LibreNMS, Grafana, Oxidized, StatsD

Expertise

- Backend development
- DevOps
- Networking
- Virtualization
- Project Management