

Tyler Christiansen

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Experience

- **Production Networks, Aol**

Network Engineer

San Mateo, CA

April 2014 – Present

- *Hired* as the sole network engineer for Adap.tv. Managed application delivery infrastructure, from services on servers to network switches, routers, firewalls, and load balancers. Served as lead for all network working decisions, design, and trouble.
- *Expanded* to Aol Production Networks team to design, support, and maintain the backbone and data center networks.

Projects include: Adap.tv and Aol network merger, network automation design and build, AWS VPC design and integration, and application delivery infrastructure design

- **Operations, Beats Music**

Network Engineer

San Francisco, CA

June 2013 – April 2014

- *Recruited* to design and support national data center networks for a large scale music streaming service. Responsible for selecting and implementing network management and monitoring software. Responsible for service status reporting. Ensured 100% network infrastructure availability. Established IPSec+NAT for communication with third party partners.

Projects include: hadoop network infrastructure design, load balancer acquisition, network monitoring infrastructure, partner communication encryption.

- **Core IP/MPLS, Windstream Communications**

Network Engineer

Greenville, SC

April 2012 – July 2013

- *Hired* to support national core IP/MPLS network. Handled escalated L2/L3 VPNs and VPLS service. Handled core MPLS and BGP issues. Designed network maintenance events to proactively and reactively maintain the health of network services. Implemented network change controls to enable new core and edge services.

- **Network Operations, Windstream Communications**

Network Analyst

Greenville, SC

April 2011 – April 2012

- *Hired* to monitor national data, optical, and voice networks. Served as technical lead for data network triage. Trained new hires in process and triage for voice, optical, and data network elements. Ensured proper escalation and maintenance management.

- **Plant Operations, Windstream Communications**

OSP Technician

Milledgeville, GA

March 2009 – April 2011

- *Hired* to install and support outside plant. Installed analog voice and xDSL services for residential and business customers. Served as technical lead for xDSL and small business networking services for area.

Core Technical Skills

Specialties: Network automation and change control using Git, Gerrit, Jenkins, Ansible, and Python.

Programming Languages: Bash, Python, Ruby

Talks Given

- **SF Network Automation Meetup**

Continuous Deployment with Ansible

July 2014

Introduction to using Ansible to kickstart automated network changes.