Jason **Ross**

SYSTEMS ENGINEER

4003 Running Brook Ct, College Station, Texas, 77845

☐ (979) 587-5374 | ✉ jason@jasonandmeg.net | ⌂ csfreak.github.io | ⊙ csfreak | ▤ jasonross09

Work Experience

IT Systems Architect
College Station, Texas

VIASAT, INC
Dec 2011 - PRESENT

- Responsible for design and execution of all operations projects, including tasking of 6 person team
- Developed customer service chatbot as part of devops team responsible for ML/AI, fulfillment, and deployment pipeline
- Managed the migration of onprem systems to both public and private cloud
- Designed data flow for Elasicsearch cluster with 120 GB daily ingest
- Maintain 15 second reads from Elasticsearch cluster with 20 TB of data
- Managed upgrade of 5 TB MySQL DB through 4 intermediate versions
- Replaced process from manual setup of servers with puppet configured servers
- Managed growth of network and systems from 5 mpbs peak to 200 mbps
- Implement storage solutions with sub millisecond latency for critical DB
- Designed PCI compliant isolated payment process to limit scope and attack surface
- Implemented network and system isolation to protect customer data
- Implemented process isolation to ensure system availablility

Senior IT Associate, Networking and Information Security
College Station, Texas

TEXAS A&M UNIVERSITY
Jan 2010 - Dec 2011

- System Administrator for Network Team
- Designed and Deployed monitoring system for campus network to provide trending and status on 10,000 switchports
- Maintain campus wide DNS and DHCP services
- Maintain radius and nat systems for campus wireless
- Audit security of campus VoIP systems

Certifications

| Sept 2015 | **Red Hat Certified Engineer** | *Cert ID: 150-162-055* |
| Sept 2015 | **Red Hat Certified Systems Administrator** | *Cert ID: 150-162-055* |

Skills

Languages	Python, Perl, Bash
Software	Elasticsearch, MySQL, MariaDB, Redis, Rabbitmq
Systems	Docker, Kubernetes, Openstack, AWS
Hardware/Vendors	Cisco, F5, Nimble, Dell, Supermicro, Mikrotik

Education

Texas A&M University
College Station, Texas

B.S. IN UNIVERSITY STUDY
Dec 2009

- Concentration: Telecommunicaitons Technology
- Minor: Communication
- Minor: Music