

# Conor Kingston

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## Summary

Systems Administrator & Programmer with 9+ years of experience supporting secure Linux infrastructure, scientific data services, and web apps. Skilled in automation (Bash, Python, Ansible), virtualization, and Active Directory (AD) integration. Experienced in leading infrastructure upgrades, implementing security policies, and enabling scalable research workflows. Known for clear documentation and collaborative problem-solving. NASA Silver Achievement Award recipient, RHCSA in-progress.

## Skills

**Systems & Infrastructure:** Red Hat Enterprise Linux (RHEL), Ubuntu, Windows Server, AD/LDAP/NFS/SMB, Hyper-V, Amazon Web Services (AWS)

**Programming & Automation:** Bash, Python, Ansible, Git, Docker, Zabbix

**Web & DevOps:** TLS, reverse proxies, DNS/DHCP/NAT, SOPs, documentation

## Experience

### Systems Administrator

*Planetary Data System, Tucson, AZ / 2016-Present*

- Operate and secure Linux servers hosting planetary science archives (950+ TB)
- Automate provisioning and deployments with Bash, Python, Ansible
- Deploy containerized web apps with Docker; manage TLS and reverse proxies
- Led AD DS integration, JupyterHub deployment, and 10x network expansion
- Authored Information Security & Governance Policy; NASA Silver Achievement Award

### IT Support Specialist

*Apple Retail, Tucson, AZ / 2010-2016*

- Provided Tier 1-2 support for macOS and iOS devices
- Delivered technical training and customer education

## Projects

- **Active Directory Deployment & Integration:** Centralized authentication for Linux and Windows systems
- **JupyterHub Deployment:** Delivered containerized research environment with Docker and AD integration with future migration path to cloud
- **Network Expansion:** Increased bandwidth 10x to support growing scientific data archive
- **Information Security & Governance Policy Framework:** Authored governance and operational SOPs for secure infrastructure.

## Certifications

**Red Hat Certified System Administrator (RHCSA):** In-progress, expected November 2025