

Daniel J. Lee Software Integration Engineer | B.S. I.T. | Active Secret Clearance

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Centreville, VA 20121

Skills & Experience:

- Systems integration and administration: RHEL 7&8, CentOS Linux, Fedora Linux, Debian-based Linux, auto-installations (Kickstart), SystemD, RPM package management, networking, and Ansible.
- Python: scripting, object oriented programming, algorithms.
- Virtualization: QEMU/KVM, PCI passthrough, net/PXE boot, Docker.
- Bash: scripting, TUI development, operations.
- CI/CD: Jenkins, GitHub, GitLab.
- Source control and collaboration: Git, Subversion, JIRA, Redmine, MS Teams.

Work History:

Progeny Systems - (Full Time)

March 2021 - Present

Linux Software Integration Engineer

Manassas, VA

- Developed and maintained a custom CentOS 8 kickstart for one of the software test team's machines. Baked in classified software, network configurations, and PCI kernel modules to work by default.
- Developed and maintained the main production server's rescue mode TUI written in Bash. End users are able to install security certificates, modules, documentation, and network switch configurations with scripted menu options.
- Created and maintained several Jenkins jobs to automatically test, build, and install custom RHEL servers for the virtual lab environment and stand alone ISOs.
- Currently helming the development and maintenance of an extensible hardware test suite, written in Python in conjunction with Docker and netboot, that is designed to scrape and return environmental data of several varieties of military-grade server cabinets.

AbleVets LLC / Cerner Corp. - (Internship)

June 2020 – August 2020

DevOps Engineer Intern

Chantilly, VA

- Developed a date algorithm that outputs current sprint dates to name archive files.
- Contributed to the team's CI/CD pipeline by implementing a unit test and integration script written in Groovy.

U.S. Marine Corps - (Reserves)

July 2015 – Present

Communications Section Leader / Sergeant (E-5)

Lam Research - (Part Time)

December 2016 – May 2020

Logistics and Shipping/Receiving

Micron Technology Manassas, VA

Education:

George Mason University

Graduated: Dec 2020

Bachelor of Science in Information Technology

Web Development and Multimedia