

Lucas DeRousse

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TECHNICAL SKILLS

Programming Languages: Python, C#, JavaScript

Web Stack Frameworks: React.js, Node.js, TailwindCSS

EDUCATION

Bachelor of Science: Software Engineering

Est. January 2026

Western Governors University | Salt Lake City, UT

Associate of Science: Electronic Systems

May 2023

Community College of the Air Force | Maxwell Air Force Base, AL

WORK EXPERIENCE

Wireless Communication and Network Specialist III

September 2023 - January 2024

St. Charles County Emergency Communications

Relevant Skills: Project Management, Microsoft Office, Public Speaking, On-call rotations

- Program public safety radios utilizing CPS to optimize functionality and performance, ensuring seamless communication and interoperability for emergency response teams.
- Perform Over-the-Air-Programming on Trunked radios, utilizing IP backhaul networks for no loss of coverage
- Manage a P25 radio network, supporting interoperable communications for disasters and emergencies.
- Assess network system performance and provide recommendations to enhance functionality, safety, system coverage, reliability, maintenance, recovery, and sustainment of infrastructure systems.
- Participate in weekly standup meetings to discuss ongoing projects
- Brief executive level leadership on continuity, outages, equipment functionality and proper use.
- Active Project Manager for ongoing projects for installations, router and switch configurations and programming.
- Deliberate with outside vendors to determine Software needs, capabilities and future scalability of the network.
- Part of a tri-weekly on-call rotation for outage resolution, emergency needs and continuity of network equipment.

MILITARY EXPERIENCE

RF Engineer, Senior Airman, US Air Force

2018 – 2023

Relevant Skills: Networking, QA, Telecommunications, Customer Service, Software Configuration

- Supervised the duties, professional development, training, and health and welfare of 15 Airmen as the senior ranking Airman while stationed at Royal Air Force Base Croughton, United Kingdom in 2021.
- Provided global IaaS capabilities to end-users utilizing our [HFGCS](#) system utilizing RF and IP technologies.
- Served as the ongoing project manager for radio equipment, network infrastructure and software upgrades.
- Served as the SME for the Land Mobile Radio (LMR) program, conducting programming operations for radios for an entire base and 4 Joint Forces while deployed to Kuwait.
- Oversaw technical and logical maintenance of the [Ground Control Stations \(GCS\)](#) for the MQ-9 “Reaper” Drones while stationed at Holloman AFB, New Mexico in 2019 to September of 2020.
- Awarded the Armed Forces Service Medal and the Humanitarian Service Medal for robust and uninterrupted communications provided during the Airlift out of Kabul, Afghanistan in 2021.

INTERNSHIP EXPERIENCE

Biomedical Equipment Technician Intern, Agiliti Health, Maryland Heights, MO

June 2023 – Aug. 2023

Relevant Skills: QA, Ticketing systems, Circuitry and Test equipment

- Inspected ventilators and other medical equipment for patient use
- Utilized ServiceNow as a ticket tracking system
- Developed a close relationship with logistics managers to promote efficiency of equipment inspection