

# Lucas DeRousse

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## TECHNICAL SKILLS

*Programming Languages:* C#, Python, JavaScript, HTML, CSS

*Operating Systems:* Android, Windows, iOS, Linux

*Web Design:* XML

## 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 AFB, AL*

## WORK EXPERIENCE

**Wireless Communication and Network Specialist III**

September 2023 - January 2024

*St. Charles County Emergency Communications*

*Relevant Skills: Project Management, Trunking networks, Microsoft Office, Motorola Radios*

- 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 SLATER system performance and provide recommendations to enhance functionality, safety, system coverage, reliability, maintenance, recovery, and sustainment of infrastructure systems.
- Act as a Project Manager for ongoing projects that require a large number of radio installations and programming.
- Deliberate with outside vendors to determine Software needs, capabilities and future scalability of our network.
- Part of a tri-weekly on-call rotation for outage resolution, emergency needs and continuity of network equipment.

## MILITARY EXPERIENCE

Cyber Defense Ops, Senior Airman, US Air Force

2018 – 2023

*Relevant Skills: P25 Standards, Motorola Radios, Networking, QA, Telecommunications, Customer Service*

- 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.
- Served as the SME for our Land Mobile Radio (LMR) program, conducting programming operations for radios for an entire base and 4 Joint Forces while deployed to Kuwait.
- Oversaw technical maintenance of the Ground Control Stations (GCS) for the MQ-9 “Reaper” Drones while stationed at Holloman AFB, New Mexico in 2019.
- Studied electrical systems and their corresponding resistance, conductivity, and voltages.
- Awarded the Armed Forces Service Medal and the Humanitarian Service Medal for my robust and uninterrupted communications provided during the Airlift out of Kabul, Afghanistan in 2021.

**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