

# Lucas DeRousse, Software Engineer

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## PROFILE

Decorated Veteran with 5 years of general and specialized IT experience. Currently pursuing a degree in Software Engineering at Western Governors University. Proficient in Python and C#, I am equipped to develop collaborative software solutions. I am hoping to find and be part of a team that fosters education, and goes the extra mile to professionally develop team members. Able to work and go to school at the same time as it is online-only and self paced.

## EDUCATION

Jan 2024 — Present

### B.S. Software Engineering, Western Governors University - NWCCU Accredited

GPA: 3.0 (Competency-based, static GPA)

Current Coursework: Data Management, Version Control, C#, Python, Full Stack Development, Data structures and Algorithms

Oct 2021 — Jun 2023

### A.S. Electronic Systems, Community College of the Air Force - SACSCOC Accredited

Coursework: Networking Fundamentals, Circuits and Test Equipment, OSI Model, Cabling Standards & Termination, Binary/Hex, DHCP, DNS

## EMPLOYMENT HISTORY

Sep 2023 — Present

### Wireless Communication and Network Specialist III, St. Charles County Emergency Operations Center

Currently employed as a Wireless Communication and Network Specialist III at the St. Charles County Emergency Operations Center.

- Manage performance, ensure capabilities and actively monitor the St. Louis Area Trunked Emergency Radio (SLATER), the St. Charles County's IP/MPLS network backhaul equipment and remote site facility systems.
- Conduct incident management and disaster recovery operations such as responding, identifying, dispatching, coordinating, and system/subsystem discrepancy analysis for root-cause identification, fault isolation and incident/problem resolution and determining operational continuity for end-users
- Evaluate system performance; make recommendations to improve functionality, safety, system coverage, reliability, maintenance, recovery, and sustainment of systems infrastructure including RF and network interference identification and isolation.

Aug 2018 — Oct 2023

### Cyber Defense Operations, United States Air Force

Worked as a member of the Cyber Defense Operations team in the United States Air Force. Played a critical role in defending against cyber threats and ensuring the security of sensitive information. Awarded the *Humanitarian Service Medal*, as well as the *Armed Forces Service Medal* in recognition of my efforts during a 2021 Kuwait deployment. Active holder of a Secret Clearance, can and will provide DD214 upon request.

- Maintained and performed periodic inspections for one of the largest radio networks in the world, a *High Frequency Global Communications System* (HFGCS).
- Served as the primary for a *Land Mobile Radio* (LMR) network node for my respective base, maintaining and supporting all end users of our equipment. Roughly about 2,000 direct customers, with a bare minimum valuation of \$10M of network and radio equipment.

## SKILLS

HTML & CSS	Beginner	C#	Skillful
Java	Beginner	Networking	Expert
Python	Experienced	Project Management	Experienced

## REFERENCES

### Daniel Wilkerson from St. Charles County Emergency Communications

danwilkerson2200@gmail.com · +1 (636) 219-6542

### Eric Mercer from St. Charles County Emergency Communications

eric.mercer.mil@gmail.com (email preferred) · +1 (573) 450-1117