

Matthew Younger

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Summary

Analytically-minded IT Professional with over five years of hands-on experience in systems engineering, network optimization, and technical leadership. Proven ability to oversee projects, mentor technical personnel, and translate complex system requirements into actionable team goals. Presently finishing double majors focused on AI, machine learning, and automation workflows to strategically drive operational efficiency.

Education

Elbert School District (Colorado)
National Honor Society, Salutatorian

Lyon College
Expected Late December 2026; Double Major: B.A. in Computer Science & B.S. in Data Science; Minor in Mathematics (GPA: 3.8/4.0); Dean's List, Honors

Experience

Lead Systems Engineer, Outlaw Snax **Jun 2026 — Present**

- Lead the design, deployment, and ongoing optimization of enterprise network architecture and systems infrastructure.
- Direct current and future IT infrastructure strategy across a distributed enterprise-level server and desktop environment.
- Streamline local area network monitoring, system patching workflows, and bolster access control policies.

Academic Researcher **Nov 2025 — Present**

- Developed a research project utilizing data science techniques to analyze and process complex audio signals.
- Applied digital signal processing (DSP) and data visualization to translate raw input into actionable technical insights.
- Engineered Python-based tools for signal transmission and receiver analysis to explore patterns in data communication.
- Conduct ongoing research into custom radio systems and novel decoding of CW signals.

Embedded Machine Learning Developer & Technical Lead **Dec 2025 — Feb 2026**

- Served as Technical Lead for the research and development of an embedded ML framework under tight operational constraints.
- Supervised environment configurations, infrastructure decisions, and development workflow pipelines for embedded DevOps.
- Mentored team members on Linux systems management, resolving operational friction and driving consensus on technical execution.

Linux Systems Engineer **Sep 2020 — Dec 2024**

- Optimized routing infrastructure and server stacks for state-wide ISP networks, ensuring maximum uptime and performance.
- Managed project workflows for system deployments, ensuring compliance and consistency with strict security and operational standards.
- Deployed, configured, and secured SQL database instances, managing credential architecture and compliance configurations.
- Authored comprehensive technical documentation used to train and support Tier 1 monitoring personnel, optimizing routine incident resolution.

Certifications

- Google Certified AI Practitioner (Prompt Engineering & LLM Workflows), Mar 2026
- Python Foundation Certified Programmer, Feb 2026
- Linux Foundation Certified System Administrator (LFCSA), Jun 2022
- FCC Extra Class Amateur Radio License, Feb 2026

Skills

- Project Management & Team Leadership: Oversight, Mentorship, Technical Documentation, frequent Vendor/Client Collaboration
- Python, R, & SQL for Statistical Analysis, Modeling, and Relational Database Management
- Systems Design: Hyper-V/VMWare ESXi/Proxmox; Linux, Vendor Appliance, and Windows Server Environment Management; Routing and Switching Operations; Docker and Kubernetes Containerization
- Languages: English (Native); Spanish (Intermediate/B-level, structural proficiency)