

Roy Holdaway

RoyHoldaway@gmail.com

| <https://www.linkedin.com/in/royholdaway> | <https://github.com/RoyHoldaway>

Skills

Languages: Python, Java, SQL, Front end Web Development

Networking: VLANs, LAN/WAN, Aruba & Cisco Switch Configuration, Aruba AP Configurations, Structured Cabling

Concepts: OOP, SDLC, Network Automation, Technical Troubleshooting, Systems Administration

Education

Colorado State University Global – BS in Computer Science

May 2026

Projects

Python Chess Engine Game Jam

<https://github.com/RoyHoldaway/Python-files/tree/main/chess>

- Full object oriented game of Chess.
- Complete with full scope legal move list ability, Pawn promotion with GUI, and AI CPU for playable game.

Python Automation Script - Mac Based VLAN Segmentation

<https://github.com/RoyHoldaway/Python-files/tree/main/pythonScript>

- Script written while working at CSU as an intern to automate tickets for segmenting mac address traffic through private and public VLANs.
- This script was able to close over 200 tickets in under 1 year.

Wi-Fi Optimization & 3D Mounting Design - CSU,

<https://source.colostate.edu/csu-students-3d-printing-project-improves-campus-wi-fi-saves-thousands-of-dollars/>

- Initiated the project to design and prototype 3D-Printed brackets to optimize access point angles and coverage. Reduced future maintenance time and saved the department thousands in hardware upgrades

Experience

Field Network Technician, CBiz Network Solutions – St louis, MO

September 2025 – Present

- Provides high-level onsite Level 2 technical support for 91+ Edward Jones branch offices, ensuring network reliability and infrastructure integrity.
- Manages network hardware deployment during new office builds and remodels, including structured cabling and VoIP configuration.
- Troubleshoots complex connectivity issues in live production environments to minimize operational disruption.
- Recognized as Technician of the Month (Feb 2026) for excellence in service quality and reliability across a large geographic territory.

Networking Engineering Intern, Colorado State University – Fort Collins, CO

March 2022 - January 2024

- Engineered a Python-based automation tool for MAC-based VLAN filtering to segment network traffic, resulting in the successful resolution of 200+ service tickets.
- Managed the physical installation and logical configuration of switches and wireless access points across campus.
- Designed and prototyped 3D-printed mounting solutions to optimize signal coverage, saving the department thousands in hardware costs and maintenance time.
- Focused on improving deployment efficiency through automated device classification and VLAN assignment.

Store Manager, Ubreakifix – Fort Collins, CO

January 2024 - September 2025

- Directed a technical repair team, doubling revenue from 30k monthly to 60k monthly and improving ranking from 27th out of 30th in the state to 3rd in the state through operational optimization.
- Managed complex workflow pipelines, inventory systems, and KPI tracking to maintain high standards.
- Provided expert-level troubleshooting for advanced device and network escalations, ensuring technical quality across all store operations.