

Nicholas Garland

Computer Science

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Colorado

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Professional Summary:

Cybersecurity professional with a strong foundation in hardware, operating systems, software, and programming. Passionate about designing security solutions and hardening systems to prevent and detect intrusions. Experienced in scripting, automation, and managing Linux-based systems.

Technical Skills:

Languages (most to least experienced): Python, Bash, C, JavaScript, Lua, C++, Go, Java
Tools: Visual Studio, Roblox Studio, IDA, Splunk, NMAP, Wireshark, Nextcloud, Cisco Packet Tracer, Microsoft Office
Operating Systems: RHEL and Ubuntu administration and automation; Windows Server 2019
Security: Reverse-engineering with IDA, Ubuntu Server 24.04 hardening and firewall controls
Projects: Server building, deployment, maintenance, and upgrades; Raspberry Pi-based phone; Arduino LED controller; Python machine-learning models; Javascript Discord bots; Roblox games; home network monitoring and DNS
Certifications: CompTIA Security+
Processes: Agile and Kanban methodologies

Soft Skills:

Strong leadership and conflict resolution skills, developed through college projects and workplace issue resolution.
Critical thinker with a methodical approach to identifying and resolving issues at the root. Comfortable communicating technical issues to less-technical audiences.
Goal-oriented with experience meeting Agile-based sprint deadlines to archive project goals.
Detail-oriented and attuned to slight deviations.

Work Experience:

UCCS / Undergraduate Research Program

May 2025 - Present, Colorado Springs

Utilizes software including IDA, Virtual Machines, and other malware analysis tools to reverse-engineer malware for further investigation by the research team using machine learning.

Centurion Cyber Solutions / SOC intern

Oct 2024 - Feb 2025, Colorado Springs

Monitored and investigated security alerts to ensure security of critical infrastructure at Centurion Cyber Solutions. Utilized security tools such as Netography, AbuseIPDB, and VirusTotal. Performed threat hunting to proactively prevent new threats.

Education

University of Colorado Colorado Springs / Bachelor of Science in Computer Science focused on Cybersecurity / Anticipated graduation May 2026

August 2023 - Present, Colorado Springs

Pikes Peak State College

August 2020 - May 2024, Colorado Springs