

DANIEL GORDON

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Education

NORTHEASTERN UNIVERSITY - Boston, MA

Sep 2022 - Present

B.S., Cybersecurity and Business Administration - Management Concentration

Expected Graduation: April 2026

GPA: 3.75/4.00

Relevant Coursework: Network Security, System Security, Network Fundamentals, Computer Systems, Object-Oriented Design.

Activities: Dean's List (x3), semester abroad in Ireland. Member of: CTF Club, Recess Room, Cooking Club, Baking Club.

Leadership: President of Cheese Club. Directed weekly meetings, doubled membership to over 50, introduced club merchandise.

Technical Skills

Security & Pentesting: Burp Suite, Splunk, Tenable Security Center, Metasploit, Nmap, OpenVAS, SQLMap, Wireshark, Ghidra.

Cloud Services: AWS, Prisma Cloud, Intune.

Languages & Tools: Python, Java (JUnit, Swing), C/C#, Docker, Shell/Bash, Racket, x86 Assembly, GDB.

Systems: Windows, Linux (Ubuntu, Kali, Arch), macOS, Junos OS, VMWare, VirtualBox.

Experience

BOSTON CONSULTING GROUP - Boston, MA

Jul 2025 - Dec 2025

Security Architect Co-op

- Strengthened infrastructure defenses by auditing WAF rules, internal applications, LLMs, and pre-production deployments.
- Automated security tools to remediate over 800 CVEs within Prisma Cloud across approximately 300 internal applications.
- Audited security remediations using Burp Suite while providing actionable reports for unresolved vulnerabilities.
- Monitored and analyzed Splunk logs and Amazon Cloudfront traffic to identify and document malicious network patterns.

NORTHEASTERN UNIVERSITY INFORMATION TECHNOLOGY SERVICES - Boston, MA

Jul 2024 - Dec 2024

Network Operations Engineer Co-Op

- Sustained 99.9% uptime in a 44,000-user WAN by monitoring network performance and resolving infrastructure failures.
- Conducted network vulnerabilities scanning using Metasploit, Nmap, and Tenable Security Center.
- Led a 5-person engineering team to win the "Best Use of AI" award for a career development app in a Salesforce Hackathon.

NORTHEASTERN UNIVERSITY ACCOUNTING ACADEMIC GROUP - Boston, MA

Jan 2024 - Apr 2024

Financial Accounting Teaching Assistant

- Supported instructors in course sections totaling over 1,000 students through grading, office hours, and exam prep sessions.

CAMP AWOSTING - Morris, CT

Jun 2022 - Aug 2022

Camp Counselor

- Managed 24-hour supervisor for up to 15 campers over 8 weeks, ensuring 100% safety during activities and cabin hours.
- Doubled go-kart activity capacity through mechanical repairs and mentored CITs in leadership.

Selected Projects

FIREWALL RULES ASSIGNMENT

Feb 2026

- Configured stateful IPv4/IPv6 firewall policies, implementing NAT and packet forwarding under a default-deny model.

PERSONAL HOMELAB INFRASTRUCTURE

Jan 2026 - Present

- Built a hybrid-cloud storage and testing lab utilizing AWS, local Windows devices, and Linux deployments on VirtualBox.
- Deployed a Dockerized [data broker removal tool](#) using AWS SES for automated requests and IAM for least-privilege access.

MEMORY CORRUPTION EXPLOITATION ASSIGNMENT

Apr 2025

- Exploited a network socket buffer vulnerability using a ROP and return-to-libc chain to spawn a privileged shell.
- Bypassed ASLR, NX, and Stack Canaries by leveraging static memory analysis in Ghidra and strategic address brute-forcing.

CONTENT DELIVERY NETWORK ASSIGNMENT

Apr 2024

- Collaboratively designed and programmed DNS and replica HTTP cloud servers in Python for a content delivery network.

Interests & Hobbies

Cybersecurity challenges, game design, lifting, Wikipedia, cheese, ice cream, film, Soundgarden, D'Angelo, Fela Kuti, Santana.