# DANIEL GORDON

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## EDUCATION

**NORTHEASTERN UNIVERSITY** - Boston, MA — September 2022 - Present
*Cybersecurity and Business Administration - Management Concentration* — Expected Graduation: May 2026
**GPA:** 3.75/4.00
**Relevant Coursework:** System Security, Network Fundamentals, Foundations of Cybersecurity, Computer Systems, Object-Oriented Design, and Fundamentals of Computer Science 1 & 2.
**Activities:** Dean's List, President of Cheese Club, semester abroad in Ireland. Member of: CTF Club, Cooking Club, Baking Club.

## COMPUTER SKILLS

**Languages:** Python, Java, C#, C, Bash, Racket, x86 Assembly.
**Software:** Burp Suite, AWS, Nmap, Ghidra, Metasploit, Prisma Cloud, Tenable Security Center, Wireshark, Hashcat, John the Ripper.
**Systems:** Windows, Ubuntu, Arch, Kali, macOS, Junos OS.

## RELATED EXPERIENCES

**SECURITY ARCHITECT CO-OP** - Boston, MA — July 2025 - December 2025
*Boston Consulting Group*

- Performed security evaluations and analyses of applications, documenting reports on any findings.
- Automated security tools for remediating 800+ CVEs found in Prisma Cloud across ~300 internal applications.
- GPO transition
- Assisted with penetration testing efforts on internal websites using Burp Suite through retesting and its associated documentation.
- Analyzed and monitored network traffic for suspicious events and potential security concerns.
    - Examined WAF rules in AWS. Examined log events in AWS Cloudfront.
    - Examined Splunk Events
- Documented websites to make internal and private and not public.

**NETWORK OPERATIONS ENGINEER CO-OP** - Boston, MA — July 2024 - December 2024
*Northeastern University Informational Technology Services*

- Maintained essential hardware and software for a campus area network with over 44,000 users.
- Conducted penetration testing on potential network vulnerabilities using Metasploit, Nmap, and Tenable Security Center.
- Led a team of 5 in a Salesforce Hackathon to build a career development app, earning an award for the best use of AI.

**FINANCIAL ACCOUNTING TEACHING ASSISTANT** - Boston, MA — January 2024 - April 2024
*Northeastern University Accounting Academic Group*

- Supported instructors in teaching students across sections comprising 1,000+ individuals.
- Provided personalized guidance to students on 12 homework assignments and clarified course concepts.
- Utilized diverse teaching methods to ensure student comprehension of accounting concepts.

## PAST PROJECTS

**MEMORY CORRUPTION EXPLOITATION ASSIGNMENT** — Spring 2025

- Exploited a buffer overflow over a network socket to execute a return-to-libc attack and spawn a privileged shell.
- Bypassed ASLR and stack canaries through strategic address guessing.

**CONTENT DELIVERY NETWORK ASSIGNMENT** — Spring 2024

- Designed and programmed DNS and replica HTTP cloud servers in Python for a content delivery network.
- Integrated disk and memory caching and an IP geolocation API to optimize response times for server requests.

**UNIX SHELL ASSIGNMENT** — Fall 2023

- Collaboratively developed a basic Unix shell in C that uses a tokenizer to process command line input from the user.
- Implemented redirection, sequencing, piping, and grouping expressions along with several built-in commands.

**PORTABLE GAME CONSOLE** — Winter 2020 - Spring 2021

- Fabricated a battery-powered portable game console running emulation software on a Raspberry Pi 3B.

- Assembled and hand soldered electronic components inside a custom 3D printed case.

**INTERESTS**

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Cheese, ice cream, reading, movies, weight training, 3D printing, laser cutting, Soundgarden, D’Angelo, Fela Kuti the Eagles, Santana.