

Sean Finch

Orange County, California
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EXPERIENCE

Northeastern University • Student Employment, Part-time

Mechanical and Industrial Engineering IT Support • Boston, Massachusetts

Sep 2024 – Present

- Administered devices for the Mechanical and Industrial Engineering (MIE) Department
- Configured, installed, upgraded, and troubleshooted software on departmental devices
- Organized office space and printed posters using a plotter

CENIC • Internship at California Public School Network Operator

Cybersecurity Intern • La Mirada, California

May 2024 – Aug 2024

- Audited regular security scans for vulnerabilities within CENIC and GoldenStateNet staff, created tickets to remediate
- Documented security processes and internal/external software used with Confluence Workspace
- Captured and verified detailed metrics regarding DDoS attacks on the CalREN Network
- Identified pitfalls in cybersecurity practices and response times, advising leadership on gaps
- Gathered KPI metrics on the effectiveness of security initiatives demonstrating improvements in cybersecurity posture

Northeastern University • Student Employment, Part-time

Eco-Representative at Reuse Depot • Oakland, California

Jan 2024 – Apr 2024

- Developed and implemented a comprehensive data tracking system that improved data accuracy
- Implemented a new system for efficient product sorting and stocking, increasing customer flow

AFA CyberPatriot • Competitor

Team Commander, Fullerton Union High School AJROTC • Fullerton, California

Jan 2020 – Jan 2023

- Enhanced team by recruiting, retaining, and training members to build a strong, cohesive unit
- Identified and addressed inefficiencies in the team's performance by developing a training curriculum
- Guided team to achieve higher placements, culminating in being California's top placed AJROTC team in 2021 and 2022

EDUCATION

Northeastern University

Bachelor of Science in Cybersecurity, Minor in Music • Boston, Massachusetts

Sep 2023 – expected Apr 2027

Northeastern University Choral Society

- Vice President (Jan 2025 – Apr 2025)

Speech and Debate Club

- Board Member (Oct 2023 – Jan 2024), Vice President (Jan 2024 – Apr 2024)

Fullerton Union High School

High School Diploma, Principal's Honor Roll • Fullerton, California

Aug 2019 – May 2023

SKILLS

Operating Systems/Software: Proxmox, CasaOS, Ubuntu Server, TrueNAS SCALE, Windows Server, Docker, **Languages:** CSS, Tailwind CSS, HTML, JavaScript, TypeScript, Prisma, Kotlin, Python, C, C++, Assembly, Java, **Risk Management:** Vulnerability Assessment, Security Information and Event Management (SIEM), Incident Response, **Techniques:** Code Refactoring, Object-Oriented Programming (OOP), Test-Driven Development, **Networking:** DNS, Firewalls, Intrusion Detection Systems (IDS), Intrusion Prevention Systems (IPS), Virtual Private Network (VPN), **Platforms:** Git, GitHub, React.js, Node.js, **Other:** System Administration, Virtualization, Threat Intelligence, Identity and Access Management (IAM), 3-2-1 Backup, JUnit

AWARDS & SCHOLARSHIPS

Ensemble Scholarship • Northeastern University, College of Arts, Media and Design (CAMD)

Sep 2024

Academy of the Arts Completer, Choral/Vocal Music • Fullerton Union High School

May 2023

Jadwin Global Affairs Scholarship

May 2023

Orange County Artist of the Year Nominee – Piano • Fullerton Union High School, Orange County Register

Apr 2023

Scholastic Excellence Medal • American Legion

Apr 2020, Apr 2022

JROTC Leadership Award • Military Order of the Purple Heart

Apr 2022

Certificate of Merit in Piano, Level 5 • Music Teachers' Association of California

Feb 2020