

# KELVIN CREIGHTON

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## Education

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### University of Alberta

**Expected Graduation: Aug 2026**

*Bachelor of Science in Computer Science, 3.4 GPA*

*Edmonton, AB*

- **Focus:** Cybersecurity and Networking Security Fundamentals
- **Relevant Courses:** Network Security, Cryptography, Software Engineering, Artificial Intelligence

## Experience

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### Leader - OWASP

**Jan 2026 – Present**

*OWASP Edmonton Chapter*

*Edmonton, AB*

- Managed all A/V logistics for the OWASP Edmonton x Accurate Networks presentation, resolving HDMI compatibility issues and audio feedback, and ensuring uninterrupted presentation flow for an audience of over 40 attendees.
- Collaborated with team members to plan and coordinate venue selection for upcoming events.

### VP Events - C.H.A.D.S.

**Sep 2024 – Present**

*Cybersecurity, Hacking, And Digital Security club — University of Alberta*

*Edmonton, Alberta*

- Co-hosted the annual capture-the-flag competition simulating real-world cyber attack and defense scenarios, drawing over 200 participants.
- Organized a Secure Coding Tournament in collaboration with OWASP Edmonton and Security Journey.
- Deployed and configured CTFd to host competition infrastructure, including over 25 custom cybersecurity challenges containerized with Docker.

### Technology Specialist

**May 2024 – Sep 2025**

*DiscoverE — University of Alberta*

*Edmonton, AB*

- Automated manual tasks using JavaScript, HTML, and SQL, improving operational efficiency by 50%
- Provided technical support for classrooms and office environments, troubleshooting hardware and software issues.
- Strengthened system reliability through secure backup management and streamlined IAM workflows.
- Created detailed documentation of technical workflows for onboarding and future reference.

## Projects

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### CTFd Capture-the-Flag Platform | *CTFd, Docker, Web Security, Python*

**December 2025**

- Deployed and configured CTFd to host a capture-the-flag competition for cybersecurity events.
- Designed and implemented custom web security challenges to simulate real-world vulnerabilities.
- Containerized challenges using Docker to ensure isolated, reproducible environments for participants.
- Acquired practical experience with web security, challenge design, and infrastructure automation.

### Feroxbuster Enumeration Script | *Feroxbuster, Bash, Web Security*

**December 2025**

- Developed an automated web reconnaissance script leveraging Feroxbuster for directory and endpoint discovery.
- Streamlined enumeration workflows to identify hidden resources and accelerate CTF challenge solving.
- Automated extraction of challenge flags from discovered endpoints to support repeatable testing.
- Strengthened practical skills in web reconnaissance, scripting, and offensive security tooling.

### Hack The Box – Bug Bounty Training | *Web Security, CTF, Certificate*

**May 2025 – Present**

- Completed multiple web security modules within the Bug Bounty Hunter learning path, focusing on common vulnerabilities and exploitation techniques.
- Applied skills in realistic environments by participating in Hack The Box CTF competitions.
- Practiced identifying and exploiting web vulnerabilities such as authentication flaws, misconfigurations, and injection attacks.

## Technical Skills

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**Languages:** Python, HTML/CSS, JavaScript, SQL, C++

**Technologies/Frameworks:** Docker, CTFd, Nginx, React, Git, Linux

**Cybersecurity Tools:** Wireshark, Nmap, Hashcat, Feroxbuster, Burp Suite

**Soft Skills:** Leadership & event coordination experience, Excellent time management, Team collaboration skills