ANDREW CLAUSEN

COMPUTING STUDENT

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Education

Queen's University, Kingston   *2022 - Expected 2027*

Bachelor of Computing (Honours), Specialization in Cybersecurity

- **3.72 cumulative GPA** - Dean's Honour List 2022-Present
  - Relevant Courses: Intro to Cybersecurity, Cryptography, Computer Networks, Software Architecture
- **Teaching Assistant** (Second Year Discrete Mathematics) - Fall-term 2023
- **Orientation Leader** for School of Computing - April-September 2024
- **Co-Founder & Executive** of Queen's Table Tennis Club - 2024-Present

Certificates / Badges

Fortinet Certified Fundamentals - Cybersecurity

- **Completed**: December 2025, **Renewal**: December 2027
- Foundational knowledge of **network security**, **threat landscapes**, **security controls**, and **risk management principles**
- Covered core enterprise security domains including **network security** (firewalls, NAC, SD-WAN), **endpoint protection and monitoring**, **web and email security** (WAF, SEG, content filtering), **SIEM and SOAR concepts**, **zero trust access**, and **cloud security fundamentals**

ISC² Certified in Cybersecurity (CC) – Candidate

- **Expected Exam Date**: March 2026
- Actively studying core domains including **Security Principals**, **Incident Response and Disaster Recovery**, **Access Control**, **Network Security**, and **Security Operations**.

AWS Certified - Cloud Practitioner Foundational and AI Practitioner Foundational - Candidate

- **Course Completion Expected:** April 2026
- Achievable through school course: **COMM 493 - Coding AI for Business**. Taught by: Shaun Cahill
- All coding components of course are done on **AWS Cloud9 IDE**

Skills

Professional

- Attention to Detail
- Leadership
- Communicational skills
- Fast-paced Adaptability

Coding Languages

- Python
- C, C#
- Bash
- Java

Security Tools & Platforms

- Git & GitHub
- Wireshark
- Microsoft Office (Excel, PowerPoint)
- SeedLabs
- Linux & Windows environments

Cybersecurity & Threat Analysis

- Threat Identification
- Incident response Fundamentals
- Risk Analysis Fundamentals

Projects

SeedLabs | Virtualbox environment, Python, C, Bash, Wireshark   *September 2025 - December 2025*
- Performed practical security testing across **network**, **application**, and **system layers**, including **DNS spoofing**, **TCP session hijacking**, **buffer overflow exploitation**, **password cracking**, **TOCTOU race conditions**, and **web-based attacks**
- Investigated network traffic and protocol behavior using packet inspection to identify malicious activity and unauthorized manipulation
- Documented findings, risks, and procedure in structured lab reports
- Submitted to "Intro to Cybersecurity" course and received a grade average of **98%** for labs

Password Guardian | Cursor, GitHub, JavaScript, Python, HTML5, CSS   *November 2025*
- **Libraries/APIs/Frameworks**: zxcvbn library, Have I Been Pwned API, Flask
- Built a responsive web application that **evaluates password strength** in real-time as users type, providing immediate visual feedback and security metrics
- Integrated Have I Been Pwned API to check passwords against **known data breaches**, **enhancing security awareness** for users.
- Utilized zxcvbn library to **calculate password strength** scores, entropy-based crack **time estimates**, and **generate actionable security feedback**.

Work Experience

Sales Data Analyst | Northern Dock Systems, Mississauga   *May 2024 - August 2024*
- **Project Leader**, reported directly to management.
- Reorganized a **~25,000**-entry client database by assigning unique IDs and eliminating duplicates, improving lookup efficiency. Final number **~18,000** clients, **28%** more efficient
- **Main contact** for sales reps: Collected signatures from clients, Qualified new leads

Assistant to the Executive Chef | Cook Gourmet Inc., Mississauga   *April 2024 - Present*
- Customer-facing role in communicating and dealing with clients to fulfill tailored requests
- Oversee the execution of corporate events dealing with **fortune-500 companies**
- Demonstrate **critical thinking** ability and the capacity to work in a **fast-paced, high-stress, and timely environment**

Soccer Head Coach / Trainer | TOCA Pro FC, Mississauga   *June 2018 - Present*
- **Instruct and lead** players, ages varying from 4-14, through elite technical and physical training
- **Communicate** with parents and other coaches to **organize** practice schedules and team management

References

Available Upon Request