

Andy Wang

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PROFESSIONAL PROFILE

- Accomplished graduate in Information Systems Security, dedicated to ensuring the integrity and safety of digital assets.
- Armed with the CompTIA Security+, A+, Network+, Cloud+ certification, underscoring a foundational understanding of cybersecurity practices and principles.
- Distinguished in the top 1% on TryHackMe Global Rank.
- Proficient in deploying and managing various security technologies including firewalls, intrusion detection, and advanced encryption solutions.
- Strong advocate for proactive security measures, always striving to stay ahead of potential threats and continuously improve security protocols.
- Outstanding analytical and critical thinking abilities, paired with communication skills; adept at explaining complex security topics to audiences of various backgrounds.

EXPERIENCE

SAIT Capstone Project

May 2023 - Aug 2023

SAIT, Calgary, AB

Maldives AI-Assisted Malware Detection Tool

https://github.com/sinocikid/maldives_static

- Bridging advanced technology with cybersecurity demands, this project uses machine learning and TensorFlow to create a command-line tool for thorough malware analysis.
- The tool employs a balanced open-source dataset to predict malware patterns through static and dynamic analysis, enhancing real-time cybersecurity insights.
- Its innovative approach aims to address evolving malware and set a new benchmark for AI-aided cybersecurity.

SAIT Hardware Hacking Club

Jul 2022 - Aug 2023

SAIT, Calgary, AB

- Providing face-to-face and remote support to club members on hardware hacking and IT security topics
- Developing and maintaining security documentation, including policies, procedures, and guidelines
- Offering advice and guidance on IT security policies, standards, and best practices to ensure compliance with regulatory requirements
- Collaborating with team members to organize club events and activities

EDUCATION

Diploma - Information System Security

Jan 2022 - Aug 2023

Southern Alberta Institute of Technology (SAIT), Calgary, AB

SKILLS

Network Vulnerabilities, Secure Networking Fundamentals, Computer Architecture, Operating System Exploitation, Malware Analysis, Web Application, Programming (C, Python), Wireless Security, IoT, Machine Learning, Security Policies and Operations, Compliance and Encryption, Cloud, Penetration Testing, Firewalls, IT Security, Research, Security Software, Security Analyst

LICENSES & CERTIFICATIONS

Certified Access Management Specialist (CAMS) <i>Identity Management Institute - 11757</i>	2023
CompTIA Security+ <i>CompTIA - PNPVFP2Y3J441P5B</i>	2023
Microsoft Certified: Security, Compliance, and Identity Fundamentals <i>Microsoft - I755-9057</i>	2023
AWS Certified Cloud Practitioner <i>Amazon Web Services (AWS) - XV3BJ9VK4EFQQH3J</i>	2023
CompTIA A+ <i>CompTIA - JT9QSH35GEQQ1DW2</i>	2023
CompTIA PenTest+ <i>CompTIA - WNVKVPZ5EB1QQBWW</i>	2023

HONORS & AWARDS

Jason Lang Scholarship	2023
picoCTF 2023 Top 8% globally – ranked 509/6925 as Team picoCTF, organized by Carnegie Mellon University, is an educational cybersecurity competition.	2023
GEN CTF 2022 Remark Second Place as Team GEN CTF is a CTF event in Canada, the US, Australia, and Singapore Institute of Technology.	2022
CyberSci 2022 Remark Third Place as Team The CyberSci Cyber Security Challenge Canada is a competitive event aimed at enhancing cybersecurity skills, where teams from various regions compete in challenges.	2022

VOLUNTEER

CTF Challenge Architect <i>SAIT</i> Global Education Network Cybersecurity Capture The Flag Competition. Building Forensics Challenges of this Event. https://github.com/sinocikid/GENCTF2023_Forensics_Challenges	Sep 2023 - Oct 2023
Vision Care Program (SAIT) Volunteer Patient	Jan 2023