

William Knight

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CAREER SUMMARY

Final-year Computer and Information Sciences student at Auckland University of Technology, double majoring in Cybersecurity and Software Development. Experienced in security related software development, cloud deployments, and network security. Passionate about cybersecurity, vulnerability assessment, and automation. Proven track record of success in both academic and industry settings.

TECHNICAL SKILLS

Languages: Rust, Java,
Python, JavaScript,
PHP, C, C#, Bash

Tools/Technologies: AWS,
Docker, Git, Kali Linux,
BurpSuite, Wireshark

Tools/Methodologies: Agile Scrum, Test-
driven development (TDD), Vulnerability
Assessment, Automation, Networking

PROFESSIONAL EXPERIENCE (REFERENCES AVAILABLE ON REQUEST)

Seequent

Nov 2024 – Jan 2025

Software Engineer Intern

- Built and deployed a full-stack MVP with Python (backend) and React (frontend)
- Integrated access control with company login flow; deployed with AWS & Docker
- Used AWS CloudFormation, Jira, Confluence, and Datadog
- Gained exposure to real-world development and network security practices

AUT

Feb 2024 – Current

Teaching Assistant and Summer Researcher

- Lead TA in running practical classes, assisting faculty in grading, communication, and student support for networking and cybersecurity papers
- Facilitated learning using Cisco Packet Tracer and managed Canvas LMS
- Awarded research grant (\$7500) to produce a feasibility study and network modelling report

EDUCATION & CERTIFICATIONS

Bachelor of Computer and Information Sciences

Majors: Networks and Cybersecurity, Software Development (GPA: 8.75/9.00)
AUT (Complete in June of 2025)

Certificates

Certified in Cybersecurity (CC) – ISC2
Network Security – Cisco
CyberOps Associate – Cisco

PROJECT HIGHLIGHTS

R&D Project with Deloitte

Built import and fuzzy logic algorithm programs for CVE analysis. Worked in Agile Scrum team at AUT.

Malware Projects in Rust and Java

Created malware to study behavior and defense mechanisms, including AES encryption ransomware

Automation Scripts

Created various automation scripts for university

LEADERSHIP & INTERESTS

Peer Mentor at AUT (2025): Mentoring students in cybersecurity and network courses

Member of CSEA (2024)

Personal Interests: Guitar, Karate, Continuous Learning, Tech News & CTF Challenges