NANN WUTT YEE WIN

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SUMMARY

Fresh Computer Science graduate with **Distinction** from the University of Wollongong, specialising in Cyber Security. Skilled in software development, penetration testing, and network security, demonstrated through hands-on projects like developing a secure E-Voting System. Holds TryHackMe certifications and actively pursuing AWS Cloud Practitioner certification. Strong problem-solver with excellent communication skills, committed to continuous learning in cybersecurity.

EDUCATION

University of Wollongong Australia 2022-2024
Bachelor of Computer Science (Cyber Security)
Grade - Graduated with **Distinction**
CGPA - 3.68

Singapore Institute of Management 2021-2022
Diploma in Information Technology
CGPA - 3.688

SKILLS

Technical Skills: Penetration Testing, Vulnerability Assessment, Incident Response, SIEM, Network Security, Vulnerability Scanning, Cryptography, Reverse Engineering, Ethical Hacking, ISO 27001, Information Security, Web Application Security, Threat Analysis, OWASP Top 10, Linux, SQL, Git, GitLab, Docker, Django, Python, Java, C++, HTML, CSS, Web Development, Software Project Management, Software Testing, Analytical Skills

Soft Skills: Problem-Solving, Attention to Detail, Effective Communication, Team Collaboration, Adaptability, Critical Thinking, Time Management, Leadership, Decision-Making

CERTIFICATIONS

SOC Level 1 (TryHackMe)	2024
Offensive Pentesting (TryHackMe)	2024
Jr Penetration Tester (TryHackMe)	2024
ISO/IEC 27001:2022 Information Security Associate (SkillFront)	2024
Cyber Security Job Simulation (Master Card/Forage)	2024
Pre Security (TryHackMe)	2024
Introduction to Cyber Security (TryHackMe)	2024
RDV 224 : Leadership and Teams	2021
COM 001 : Principles of Human Communication	2021

PROJECTS

Electronic Voting System for Singapore General Election (ElectSG)

Apr 2024 - Sep 2024

Developed a secure, scalable E-Voting System, collaborating closely with a team of five to ensure voter anonymity and secure, verifiable voting using linkable ring signatures and ring confidential transactions.

- **Frontend Development**: Built a responsive, intuitive interface using HTML, CSS, JavaScript, React.js, Tailwind CSS, and Bootstrap.
- **Penetration Testing**: Assisted in web penetration testing to identify and address vulnerabilities.
- **Backend & Cryptography**: Contributed to Django backend and developed cryptographic components in C++ for secure vote validation.
- **Security**: Integrated mock Singpass Login for voter authentication and implemented two-factor authentication for admins and candidates.
- **Testing**: Executed unit and integration tests for the Django backend and cryptographic functions.

Outcome: Successfully delivered the project, achieving **80/100 (Distinction)** for security and user-friendly design.

Cafe Staff Management System

Oct 2023 - Dec 2023

Developed a desktop application as the primary programmer and system designer on a team of six to streamline cafe operations. The system enables owners, managers, and administrators to manage staff and work allocations efficiently, while allowing staff to book preferred shifts.

- **Frontend Development**: Utilised Tkinter for building a responsive user interface.
- **Backend Development**: Employed Python for backend logic and managed data using an SQL database with XAMPP.
- **Project Management**: Implemented Agile development practices and managed the project using Taiga.io.
- **Continuous Integration**: Employed Continuous Integration/Continuous Deployment (CI/CD) with GitLab to maintain code quality.

Outcome: Played a key role in development and system design, which contributed to the project receiving a final score of **36.5/40**.

Digital food ordering System at Hawker's centre

Jan 2022 - Mar 2022

Developed a Digital Food Ordering System using Java for Hawker's Centers, revolutionising the food ordering experience.

- **Enhanced User Experience**: Enabled patrons to browse food stalls and menus digitally, eliminating physical menus and long queues.
- **Impact:** Streamlined the ordering process, improving customer satisfaction and reducing wait times.