

# Jeslyn Wangsa

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## EDUCATION

University of Wollongong - Singapore Institute of Management - Singapore

Jan 2022 - December 2024

Bachelor Degree in Computer Science (Cyber Security)

(Expected Graduation)

Score: Distinction

## PROJECTS

- **Property Listings Website** Apr 2024 - May 2024  
Collaborated in a team of 7 to develop a fully functional and responsive property listing website utilizing React, Tailwind CSS, SQLAlchemy and Flask, incorporating BCE framework for efficient architecture design, resulting in a user friendly and efficient platform that streamlined property management.
- **Blockchain System** Nov 2024  
Constructed a Python-based blockchain system simulating proof-of-work between two parties, leveraged PubNub for real-time communication, establishing a secure network for transparent transactions.
- **Network Infrastructure for School** Mar 2024  
Designed a cost effective network infrastructure for a school, implementing IP subnetting and packet analysis through Wireshark for enhanced security and optimal performance.

### Hackathon

- **Applied AI Hackathon by SIM and Omnitool** Feb 2024  
Teamed up to develop 3D model converter website in 2 days, utilizing Omnitool for AI, Replicate for APIs, and Streamlit for program, providing constructive feedback to Omnitool during development, ultimately help the development of Omnitool.
- **Appetizer Hackathon by NAVER Cloud and Korea Software Industry Association** Oct 2022 - Nov 2022  
Ranked within top 30 globally, collaborating with a team to develop an app integrating signature identification and verification using Langcode and USIGN APIs, utilizing NodeJS for backend and ReactJS for interface, showcasing innovative API utilization and gaining recognition among top competitors.

## COURSES & CERTIFICATIONS

- **Hackbash x A.YCEP 2024 by NUS Greyhats, Bakkhos Labs, CSA Singapore, SG Cyber Youth** Mar 2024  
Participated in a 3 days Capture-The-Flag (CTF) training under guidance of professional trainers, engaged in extensive labs covering SQL Injection, Forensics, Cryptography and more, gained hands-on experience on real-world attack scenarios, significantly honed my cybersecurity skills and problem-solving abilities.
- **Python, Java and C++ Course Program by Bina Nusantara** Mar - July 2021  
Completed a course program in Python, Java, and C++ with High Distinction certificates, showcasing analytical thinking and problem-solving skills, resulting in a deepened understanding and proficiency in each language.

## ORGANISATIONAL / LEADERSHIP EXPERIENCE

Student Council of University of Wollongong - Sub-committee

Jan 2023 - Present

- Directed major events, including Freshmen Orientation and Social Nights for a day, demonstrating team coordination and communication, resulting in increased student engagement, and strengthened social bonds among over 100 participants.
- Spearheaded a team of 5 committee members to develop creative concepts and themes for upcoming events, showcasing leadership skills, teamwork and communication to ensure their successful execution.

## SKILLS

- **Programming languages:** Python, SQL, Java, C++, JavaScript, HTML and CSS
- **Frameworks:** React, Flutter, Flask, Streamlit
- **Technologies:** git, GitHub, Postman, Linux, Ubuntu, Figma, Docker, and Wireshark
- **Technical skills:** System Security, Problem-Solving, Cryptography, IT Infrastructure Networks, and System Security
- **Languages:** Proficient in English, Chinese and Indonesia