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EDUCATION

Nanyang Technological University, Singapore,   Aug 2022 - May 2026
Bachelor of Engineering in Computer Science
- Relevant Modules:
- (1) Introduction to Computational Thinking and Programming (2) Digital Logic (3) Data Structures and Algorithms
- (4) Introduction to Data Science and A\rtificial Intelligence (5) Computer Organization and Architecture
- (6) Object Oriented Programming and Design (7) Operating Systems (8) Software Engineering
- (9) Algorithm Design and Analysis (10) Probability and Statistics for Computing (11) Artificial Intelligence
- (12) Computer Security (13) Computer Networks (14) Introduction to Databases (15) Database System Principles (16) Machine Learning (17) Cyber Threat Intelligence (18) Security Management

Raffles Institution, Singapore   Jan 2020 - Dec 2021
GCE A Level Examination
- Distinction Grade for Project Work

Bowen Secondary School, Singapore   Jan 2016 - Dec 2019
GCE O Level Examination
- Distinction Grades

SCHOLARSHIPS AND AWARDS

FS-ISAC Women in Cyber Scholarship   May 2024 - Present
Scholarship Winner, issued by FS-ISAC
- Scholarship dedicated to protecting financial sector with diverse workforce.
- Awarded bursary to fund university fees and studies, and mentorship with industry professional.
- Given opportunity to attend summit event surrounding cybersecurity in the financial sector.

ACADEMIC PROJECTS

NANYANG TECHNOLOGICAL UNIVERSITY   Sep 2023 – June 2024
Undergraduate Research Assistant
- Analysed comments and suggestions provided by current students such as 2-3 difficulties in studying, challenges faced in necessary field to garner insight, etc.
- Facilitated in interviewing 3 batches of students to acquire perception on proposed tools to aid in studying cell culture.
- Designed website using HTML, CSS and JavaScript based on previously discussed requirements to assess students' depth of understanding on cell counting via a series of 15 questions.

WORK EXPERIENCE

PSA CORPORATION LIMITED   Jan 2025 - Present
OT Security Engineer Intern
- Carry out OT security risk assessment for Quay Cranes and Yard Cranes.
- Streamlined and automated recurring business reports to reduce manual effort and turnaround time using tools such as Excel Macros.
- Assisted in remote login and password refresh procedures for crane PCs, gaining exposure to secure system access protocols in an industrial IT environment.

CENTRAL PROVIDENT FUND (CPF) BOARD   May 2023 - Jul 2023
Temp Administrative Assistant
- Executed security administration, entailing 2 prominent functions - raising requests and creating accounts.
- Monitored and generated 2-3 reports for project status on monthly basis
- Conducted Identity and Access Management for a large-scale Mainframe environment.
- Added or removed an average of 20-25 members to or from various Outlook distribution groups weekly according to requests raised by users.

- Completed 1-2 other ad-hoc duties when assigned, showcasing adaptability and a proactive approach.

CO-CURRICULAR AND VOLUNTARY ACTIVITIES

NTU TAMARIND HALL COMMUNITY INVOLVEMENT PROJECT   Dec 2023 – April 2024
Internal Projects Director (Main Committee)
- Organised events for hall residents over 1 semester to boost morale.
- Liaised with beneficiaries to allow opportunities for hall residents to volunteer, ideally for 1-2 hours weekly.

NTU MODEL UN   Sep 2023 – April 2024
Liaison and Data Management (Sub-Committee)
- Managed 2-3 mailing lists to reach out to international Model UN clubs for events hosted by NTUMUN.
- Kept track of credentials of over 50 applicants signing up for events hosted by NTUMUN.

NTU ORIENTATION PROGRAMME   Jan 2023 - Jul 2023
Programmer (Sub-Committee)
- Orchestrated planning of 3-4 orientation games for incoming freshmen.
- Ensured set-up and flow of events was smooth throughout 3 days of orientation programme.

RAFFLES INSTITUTION RED CROSS YOUTH CHAPTER   Jan 2020 - Dec 2021
Active Member
- Held first-aid certificate after attending a full 2-day course.
- Guided in planning, organising and execution of a community activity as part of CCA over course of 2-3 weeks.

STUDENT-LED INITIATIVE COMMUNITY SESSION   Jan 2021 - Jun 2021
Student Tutor
- Conducted 1 lesson per week for Upper Primary and Lower Secondary students from disadvantaged backgrounds.
- Led weekly sessions involving assistance in homework and clearing of doubts by revising commonly known complex concepts.

LANGUAGES

- Languages: Fluent in English, Tamil.
- Software Languages: Python, C, C++, Java, HTML, CSS, JavaScript, SQL.

COMPUTER SKILLS

- Technical Skills: Microsoft Office 2022 (Excel, Word, PowerPoint, Outlook), Android Studio, SIEM Tools, Linux command line, Tableau, VBA
- Other Skills: Security Hardening, Security Frameworks and Controls, Incident Response, Threats, Risks and Vulnerabilities

ADDITIONAL INFORMATION

Soft Skills: Self-Directedness, Independence, Resilience, Ambitious, highly passionate with thirst for knowledge.

AWARDS AND CERTIFICATES

- Google Cybersecurity Professional Certificate by Google on Coursera
- Google Advanced Data Analytics Professional Certificate by Google on Coursera

HOBBIES AND INTERESTS

- Reading, Singing, Playing instruments (Guitar and Piano), Swimming, Cycling