

Ibrahim Sharul

C: (+65) 87142535 | ibrahim_sharul@u.nus.edu | <https://linkedin.com/in/ibrahimsharul/> | <https://ibrahimisramos.github.io/>

EDUCATION

National University of Singapore (NUS)

Aug 2020 - June 2024

Bachelor of Computing (Information Security) + Minor in Science, Technology and Society (STS) + University Scholars Programme (USP)/ NUS College

- IMDA SG Digital Scholar (Cyber Security)
- NUS College Residential Assistant & Pastoral Care Committee, Ambassador, Peer Mentor Coordinator (Computing)

Student Exchange, Utrecht University

Aug 2023 – Jan 2024

- Represented Singapore and completed a wide range of modules from Diversity and Inclusivity to Applications of Machine learning
- Played Floorball with people from over 11 nationalities, and under the activities committee organised 2 team bonding activities for members

Summer School, Autonomous University of Barcelona

July 2023 – July 2023

- Collaborated with 10 students internationally from 5 countries under “Data Protection Legislation and Ethics” course to perform class activities such as AI scrutiny and Data Protection and AI ethics Impact Assessment

Certifications:

- Foundations in AI (2020), SMU Certificate in Data Protection (2018), Facebook Certified Digital Marketing Associate (2021), LKYSPP Futures Thinking Workshop (2021)

RELEVANT SKILLS

- **Software Engineering** - Software Design Fundamentals, OOP, Test Case Design, Python Scripting
- **Computer Security** – Cryptography, Network Security, Software Security, Malware Analysis
- **Computer Networks** - Socket Programming, OSI model, TCP/UDP, Routing Protocols
- **Security Management frameworks** – GRC, COBIT, COSO, MAS TRM, ISO27001, ISMS
- **IT security laws**: PDPA, GDPR, CCPA, Cybersecurity Act, Evidence Act, CMA, EU AI Act

INTERNSHIP AND WORK EXPERIENCE

Straits Interactive, Data Protection and Governance Intern

May 2022 - Aug 2022

- Conducted Market research on SaaS Products & its pricing models and presented to Senior Management to facilitate decision-making to price their latest SaaS product, Capabara, targeted at smaller companies with lower capital
- Initiated and devised automation scripts in python to create CIS Benchmarks templates to populate system, increasing efficiency by over 50%

MHA Security Operations Centre (SOC), Cyber Analyst

Jan 2019 – Aug 2020

- Led a team of Tier 1 Operators in monitoring, analysing, and responding to security events
- Devised scripts to automate daily tasks in JavaScript and VBA, increasing productivity by over 50%
- Organized and promoted activities for MHA NSF, increasing participation rate from 11% to 77%

Cyber Security Agency of Singapore, SOC Intern

Nov 2017 – Feb 2018

- Introduced improvements to daily operations in terms of increased timesaving of 70% and accuracy by 20% through Python scripts
- Trained a new SIEM product to determine its feasibility to be used in the SOC and presented evaluation to management, leading to decision of deployment
- Developed Python scripts for automating gathering of Open-Source Intelligence such as blacklisted websites
- Successfully emceed Chinese New Year Celebration organized and attended by CE, using mandarin greetings

EXTRACURRICULAR EXPERIENCES

Facilitators@NUS, Committee Member & Vice-President External

Jan 2021 – May 2023

- Successfully established opportunities at 5 external organisations for members to facilitate life skills programmes at 30 primary and secondary schools
- Strategized and set new direction of club in incorporating self-awareness into activities, increasing effectiveness of facilitators in delivering external programmes
- Conceptualized and designed new training material on Team Dynamics with co-lead for 20 NUS students across 6 faculties

The Astronaut's Collective (TAC), Youth Guide Associate (YGA)

July 2021 – Present

- Successfully facilitated a total of 20 career exploration programmes with primary and secondary school students, both virtually and physically
- Mentored youth under Apprenticeship program, accurately identifying concerns of youth and customising recommendations to individual mentees, allowing increased clarity and wider opportunities for future careers

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, Malay, Hindi
- **Clifton Strengths:** Connectedness, Input, Communication, Strategic, Individualisation
- **Interests:** Reading self-help books, Watching movies of different languages