Ryan Kwok

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ACADEMIC QUALIFICATIONS

National University of Singapore   **Aug 20 – Jul 24**
- (Hons.) Degree in Information Security
- University Scholars Programme

Smart Nation Scholarship   **2019**
- 4 year bond with Cyber Security Agency of Singapore

TECHNICAL SKILLS

- CompTIA Security+
- EC Council Certified Ethical Hacker
- EC Council Computer Hacking and Forensics Investigator
- Google Cloud Associate Cloud Engineer
- Coding Literacy in Python, C, C++, and Java

WORK EXPERIENCE

Intern, Strategy, Cyber Security Agency   **May 21 – Jul 21**
- Research into international and local regulations in cybersecurity of AI, cloud, and telecommunications
- Research in future regulations of human augmentation, space technology, and quantum computing
- Provide recommendations to superiors on Singapore's regulatory direction in each cybersecurity field

Teaching Assistant, National University of Singapore   **Jan 21 - Present**
- CS2113 Software Engineering & Object-Oriented Programming
- CS1010X Programming Methodology (Python)

Intern, Cyber Security Programme Centre, Cyber Security Agency   **Feb 20 – Jul 20**
- Conducted penetration tests and vulnerability assessments
- Automated onboarding process using Python
- Researched on cloud security and security in artificial intelligence

National Race Officer, Singapore Sailing Federation   **April 2019 – Present**
- Conducted races for huge fleets with more than 100 participants
- Managed the safety of fleets of sailors during competitions

PERSONAL PROJECTS

Chilling Sessions   **NUS Residential Life Article**
- Ground-up initiative focused to remind USP students to relax and focus on mental health
- Brought together 5 collaborations with student-led groups to conduct activities to improve mental health
- Awarded special $1000 welfare fund by NUS Office of Student Affairs and featured in their article

A Safe Space   **FAQ | Telegram Bot**
- Telegram bot that simulates an anonymous group chat
- Created as a platform for USP students to hold conversations on mental health issues

USP Queue Bot   **Documentation | Telegram Bot**
- A queue system on Telegram
- Allows users to join the queue and gives admins the ease of managing late and missing users
- Automatically sends notifications to users nearing the end of the queue

SAILING AWARDS

Sailing Sportsboy / Sportsgirl Meritorious Awards
- IODA Optimist Asians Championship 2014   Individual: 7th | Team: 2nd
- IODA Optimist North American Championship 2014   Individual: 4th | Team: 1st
- IODA Optimist Worlds Championship 2014   Individual: 2nd | Team: 2nd