KO JIA LING

Cybersecurity student seeking to leverage skills and gain experience to help protect the cyberspace.

Education

Diploma in Cybersecurity & Digital Forensics

Nanyang Polytechnic | 2019 - 2022

- GPA: 4.0
- Diploma with Merit.
- Admitted to Director's List for all 6 semesters.
- Distinction grade for 20 modules.
- 3 Diploma-Plus modules (Machine Data Analytics & Operational Intelligence, App Development with Swift, Cloud Computing Foundation).

Singapore-Cambridge GCE O-Level

Anderson Secondary School | 2015 - 2018

- Raw L1R4: 8

Working Experience

Software Engineering Intern

Centre for Strategic Infocomm Technologies (CSIT)
3 months | Nov 2021 - Feb 2022

- Developed a program to gather open-source threat reports.
- Configuring of Threat Information Platform.

Awards

CSIT-Nanyang Diploma Scholarship

3 years | April 2019 - March 2022

- Scholarship offered by Centre for Strategic Infocomm Technologies (CSIT), partnered by Nanyang Polytechnic.

Director's List, Nanyang Polyechnic

6 Semesters | AY19/20 Semester 1 to AY21/22 Semester 2

Awarded to top 15% of students who excel academically in the semester in a full time diploma.

Competition Experience

11th Singapore Cyber Conquest (2021)

Participation

- Played on SANS NetWars platform. Organised by Cyber Security Agency of Singapore (CSA).

Contact

kojialing@outlook.com
linkedin.com/in/kojialing/
github.com/Kobot7
(Portfolio) kobot7.github.io

Technical Skills

- Programming languages (Python, JavaScript)
- Machine Data Analysis (Splunk)
- Operating Systems (Windows, Linux)
- Database (MySQL)
- Enterprise Search (ElasticSearch)
- Network design and configuration
- Digital Forensics (FTK, Encase)
- Cloud Computing (AWS)

Soft Skills

- Highly organised
- Efficient time-management
- Work well under pressure
- Able to grasp new concepts quickly
- Strong work ethic

Certifications

Alibaba Cloud Associate

Alibaba Group | 29 September 2020

- Certification designed for personnel who can use Alibaba Cloud Computing products. Covers all of Alibaba Cloud's core products from computing, storage, networking to security.

App Development with Swift Level 1

Apple | 28 August 2020

- Certification recognizes foundational knowledge of the Swift programming language, app developer tools, and core components of apps.

Cyber Defenders Discovery Camp (CDDC) 2020 Capture-The-Flag

36th Team Placing, Poly/Uni Category

- Jeopardy style Capture-The-Flag competition organised by Defence Science and Technology Agency (DSTA).

10th Singapore Cyber Conquest (2019)

10th Team Placing

- Red/Blue team style Capture-The-Flag competition organised by Cyber Security Agency of Singapore (CSA).
- Represented Nanyang Polytechnic as a Blue team member.

NYP Back-To-School Capture-The-Flag Competition

3rd Place, 2nd Year Category

- Internal Capture-The-Flag competition organised by Nanyang Polytechnic Cybersecurity Interest Group for students in School of Information Technology.

Ace of Coders 2019

Participation

- Pair-programmed game sprites to complete tasks independently in the CodeCombat multiplayer arena created by NUS Institute for the Application of Learning Sciences and Educational Technology (ALSET).

NYP WorldSkills Internal Selection

Participation

- Attended weekly training sessions in preparation for WorldSkills Singapore, Cyber Security category.
- Participated in 3-day selection test.

Leadership Appointments

Vice-President, Aikido Club

Nanyang Polytechnic | April 2020 - April 2021

- Planned training schedule for 40 members based on updated Covid-19 guidelines.
- Assisted in planning club activities such as orientation.

External President, Robotics Club

Anderson Secondary School | May 2017 - May 2018

- Directed the executive committee in logistics and administrative matters.
- Planned competition teams based on members' interests and skill levels.
- Planned programming training sessions.
- Taught 20 junior members basic programming using EV3 platform.

Co-Curricular Activities

Bishan Symphonic Orchestra

Bishan East CACC & PAssionArts Singapore | Jan 2022 - Present

- Percussionist.
- Performed in CNY recording.

Piano Ensemble

Nanyang Polytechnic | 2021 - 2022

- Performed for NYP Spectrum.

Guitar Club

Nanyang Polytechnic | 2020 - 2021

- Performed for Guitar Club annual concert and NYP Spectrum.

Aikido Club

Nanyang Polytechnic | 2019 - Present

- Attained 4th Kyu (Brown) belt.

Robotics Club

Anderson Secondary School | 2015 - 2018

- Won 8 out of 20 competitions.
- Awarded by school Outstanding Young Innovator Award (for Outstanding Achievements in a Prestigious Competition).
- School Colours Award (Gold).
- Specialised in programming.