ELTON TAY CHEE HEAN

Year 3 Cybersecurity and Digital Forensics Student

CEO of IngeniousApplications | Security Engineer @ Singtel

PROFILE

Python Developer specializing in Backend Web Development and Web Security. Singtel Shine Cadet Scholar. Currently a student at Nanyang Polytechnic pursuing Cybersecurity and Digital Forensics.
Owner of IngeniousApps.
Doing freelancing at own time.

CONTACT

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CERTIFICATIONS

LPI Linux Essentials | Linux Professional Institute

Computer Hacking Forensics Investigator (CHFI) | EC-Council

Apsara Clouder Cloud Computing | Operate and Manage Cloud Server | Alibaba Cloud

Devo Certified Platform User | Devo

Certified in Cybersecurity | ISC2

MOE Approved Instructor | MOE

EDUCATION

Nanyang Polytechnic
2021 – 2024
GPA : 3.95. Director's List for AY21S1, AY22S1, AY22S2 & AY23S1. Attained Distinction for 13 modules, taken part in 5 Diploma Plus Modules (Advanced Networking, Linux Foundations, Computer Hacking Forensics Investigator, Cloud Computing, Machine Learning & Ops Intelligence). WSS Cybersecurity Trainee.

Anderson Secondary School
2017 - 2020
GCE O Levels

WORK EXPERIENCE

Singtel | Security Engineer, Cyber Managed Security Services
Sep 2023 – Present
Intern at Singtel under the Singtel Shine Cadet Program.

IngeniousApplications | Owner, CEO
Nov 2018 - Present
Established and led the team at IngeniousApplications.

AWARDS

Singtel Shine Cadet Scholarship
Obtained the Singtel Shine Cadet Scholarship, offered by Singtel.

Director List, Nanyang Polytechnic
4 Semesters (AY21S1, AY22S1, AY22S2, AY23S1)
Awarded to top 15% of cohort in any semester.

AISP Student Volunteer Recognition Program 2022 – Silver
Awarded Silver for recognition of contributions to cybersecurity-related events in 2022.

AISP Student Volunteer Recognition Program 2023 – Gold, Valedictorian
Awarded Gold for recognition of contributions to cybersecurity-related events in 2023. Nominated as Valedictorian.

TECHNICAL SKILLS

- Programming Languages (Python, JS)
- Operating Systems Administration (Windows, Linux)
- Database Management Systems (SQL)
- Web Development (HTML, CSS, JS, Python Flask / Sanic)
- Web Security
- Networking
- Digital Forensics
- DevOPS

SOFT SKILLS

- Highly Efficient and Organized
- Fast Learner
- Team player with great leadership skills
- Customer Service
- Great Communication and Presentation Skills
- Problem Solving Skills
- Strong Work Ethics

CCAS

NYP Infosec SIG
2021 – Present
Special Interest Group within SIT for Security-related activities and events such as CTFs.

SIT Club
2021 – 2022
CCA in charge of most SIT events such as Open House and Orientation

Anderson Robotics Club
2017 – 2020

LEADERSHIP APPOINTMENTS

NYP Infosec Special Interest Group
2022 – 2023
President of NYP Infosec

Anderson Robotics Club
2019 – 2020
Training Head (Programming)

COMPETITION EXPERIENCE

Cisco NetAcadRiders APJC 2022
Bronze Award

National Olympiad of Informatics 2020
Bronze Award

Asia-Pacific Youth Robotics Competition 2018
Mission Programming – Winner

Singapore Math Olympiad for Primary Schools 2016
Bronze Award

National Mathematical Olympiad of Singapore 2016
Silver Award

Singapore and Asian Schools Math Olympiad
Gold Award – 2014, 2015, 2016
Top Team Scorer Award – 2014
Bronze Award - 2013

UNSW International Competitions and Assessments for Schools
Mathematics
Distinction – 2012, 2013, 2014, 2015, 2016

Digital Technologies
Distinction – 2014, 2015, 2016

Science
Merit – 2014, 2015
Credit - 2016

VOLUNTEER EXPERIENCE

Organised Events
- NYP Infosec CTF (2022 May, 2022 Dec, 2023 Jun)
- YCEP 2023
- NYP Infosec Firewall Workshop 2023
- NYP Infosec Web Hacking Workshop

Assisted Events
- NYP Infosec CTF (2021 Dec)
- NYP EAE Festival 2023
- NYP Open House 2022
- NYP Freshman Orientation 2022
- IMDA DigitalForLife YouthXWorkshop