ANDRE GOH

Cybersecurity Specialist

PROFILE

I enjoy problem solving and I'm curious about the myriad of cyber threats that are increasing globally. I believe I can play a part in cyber defence and contribute what I learnt to protect others form cyber threats.

CONTACT

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HOBBIES

Cycling
Coding
Crochet
Gundam building

SKILLS

- C programming and Assembly (Intermediate)
- Python (Intermediate)
- HTML, CSS, JavaScript (Intermediate)
- Git/Github (Intermediate)
- Office 365 (Intermediate)
- Microbit (Intermediate)
- Nodejs (Basic)
- Linux Operating System (Basic)
- Postman (Basic)

EDUCATION

Nanyang Polytechnic
April 2018 – March 2021
Diploma in **Cybersecurity and Digital Forensics**
GPA: **3.82**

North Vista Secondary School
Jan 2014 – Nov 2017
GCE 'O' Level
L1R4: **11**
L1R5: **15**

WORK EXPERIENCE

Centre for Strategic Infocomm Technologies Intern
Dec 2019 – March 2020
- Analyze malicious software with IDA pro (a disassembly tool)
- Finding possible hotfixes
- Writing report from analysis

Glee Trees Pte Ltd Intern
Aug 2019 – Oct 2019
- Create RPA demo videos using Gleematic
- Set up RPA process for client using Gleematic
- Web scraped data using Gleematic, python and various libraries

Inspire Tech Pte Ltd Intern
Aug 2018 – Oct 2018
- Perform software testing on EasiShare
- Set up WhatsApp messaging
Jan 2017 – Mar 2017
- Administrative matters
- Perform software testing on EasiShare

PROJECTS

Nanyang Polytechnic Final Year Project
Sep 2019 – Nov 2019
- Create an application using Python and C to analyze computer's activities.
- Machine learning to differentiate between user and malicious activities
- Application is supported on multiple platforms
- Helps to detect and contain suspicious files
- Provides analytical insights to non-IT users

GUI Cryptology Tool

Apr 2019 – Aug 2019

- GUI programmed in Python using libraries like pycryptodome and Tkinter
- Teaches you about information security
- Supports encryption and decryption with a myriad of algorithms (e.g. shift cipher, mono-alphabet cipher)
- Supports AES Symmetric algorithm with various cipher modes and key sizes

Application Security Project

Apr 2019 – Aug 2019

- 2 OWASP API vulnerabilities (broken object level authorization and excessive data exposure)
- 1st version showcases the vulnerable version and how to exploit it and the 2nd version showcases it after it is fixed and how it was fixed

Movie Website

Oct 2018 – Feb 2019

- Flask website that allows user to book movies concurrently
- Has admin functionality of maintaining the movies on show

CCA AND OTHER ACCOMPLISHMENTS

Student Assistant Coach (SAC) @NYP MakerSpace

Jun 2018 – Dec 2020

Promoted to EXCO

Nov 2019 – Nov 2020

- Head of Operations
- In charge of planning events, workshops

Band Major @North Vista Secondary School Symphonic Band

Sep 2016 – Sep 2017

- Lead performance, Band Camp
- Participated in SYF 2015, 2017 and achieved Silver

Prefectorial Board (EXCO) @North Vista Secondary School

Sep 2016 – Sep 2017

- Head of Administration
- Assist in planning of events e.g. National Day Celebration, NV Open house 2017

ACCOMPLISHMENTS

CSIT Scholarship

Apr 2018 – Mar 2020

Director's List for 4 Semesters

Apr 2018 – Mar 2020

MOE EAGLES Award (2017)

Edusave Award (2016 and 2017)

Top in Mathematics (2017 and 2018)