Benedict **Woo**

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Cybersecurity
Software Developer

Profile

I am currently pursuing a Diploma in Cybersecurity and Digital Forensics. I strive to learn and experience more than just standard academics. I participated actively NullSec and Overflow Special Interest Group (SIG), where I experience many things outside the typical school curriculum.

Leaderships

NullSec SIG
President | *2021 - 2022*

- Oversee monthly workshop sessions
- Spearheaded YCEP 2021, a cybersecurity Bootcamp for secondary school students
- Challenge Head for Interpoly CTF 2022
- Hosted Serangoon Secondary School students for a short learning journey

Overflow SIG
Vice-President | *2021 - 2022*

- Managed all weekly workshop sessions
- Organised Full-Stack Web Bootcamp and Data-Structures Algorthims Bootcamp
- Organising Committee for PIOI, managing the competition problem statement creation
- Publicity IC and Discord Bot developer for Bytehackz 2021, a hackathon event for Ngee Ann Polytechnic

SST Inc.
President | *2018 - 2019*

- Organised INCamp bonding sessions where members get to build an arcade machine
- Managed all the startups teams, doing process checking and performance review
- Selected for #ProjectSF, an overseas learning journey to San Francisco visiting tech companies at Silicon Valley

Awards

CSIT Diploma Scholarship
AY2020 - AY2022

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Director's List for Excellent Academic Performance
Sem 2.1 (AY2021)
Sem 1.2 (AY2020)
Sem 1.1 (AY2020)

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Edusave Certificate of Academic Achievement
2021

—

Most Outstanding Performance in Level 1
AY2020

—

Best Performance in Module
Programming II
Programming I

—

Bronze for NUS National Olympiad in Informatics
2018

Education

Skills

Programming
Python, Java, C#, C++, JavaScript, HTML, CSS

Cybersecurity
Metasploit Framework, Wireshark, Cisco Packer Tracer, Palo Alto Firewall, EnCase Forensics, Ollydbg, BurpSuite, Hydra, JohnTheRipper

Soft
Leadership, Empathy, Communication, Creative, Teamwork, Self-directed, Adaptable, Curious

Projects

Sharecipe App

Android app published on the google play store. This was created as part of the Mobile App Development module.

We went with a full-stack approach implementing backend web API along with a fully-featured

https://github.com/benwoo1110/Sharecipe-App

Covid Monitoring System

As part of our Programming II module, we were tasked to create an effective monitoring system with an Object-Oriented approach.

This is an interactive windows console application built using the dotnet framework.

https://github.com/benwoo1110/COVID-Monitoring-System

Cipher App

We researched cryptographic algorithms and their applications. This app implements IDEA, Blowfish, Twofish and RC5 cipher.

https://github.com/benwoo1110/CryptographyApp

SSD-Alkolq

An e-commerce website applying best practices learnt in Secure Software Development module. The website uses Razor Pages framework with the C# language.

https://github.com/benwoo1110/Sharecipe-App

Referees

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