

MOE THU

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EDUCATION

Nanyang Technological University

Aug. 2021 - Current

Bachelor's Computer Science 2024

Minor in Business

Chief Group Leader - Oversaw a group of 90 students throughout a 3 day camp (SCSE Orientation), worked together with various stakeholders and sub committee members

CGPA - 4.72

Eunoia Junior College

Jan. 2017 - Dec. 2018

GCSE A Level's PCME(Physics, Chemistry , Mathematics , Economics)

EMPLOYMENT

Prominence Games Pte Ltd

Software Engineer Intern, May 2022 - Aug. 2022

- Built and set up full cloud infrastructure and systems (AWS, REST API)
- Setting up CICD Pipelines for work to be deployed in a efficient and fast way to cloud infrastructure, reducing deployment time by 80%
- Perform testing and optimization on a FullStack Web Application Product by doing Unit testing, Integration Testing, E2E Testing
- Laid out requirements for new features of Web Application, slashing downtime by 30% after liaising with overseas team
- Took the lead on decentralized Application project to expand existing products, using languages like Typescript and Solidity, communicating project timeline and requirements

Singapore Armed Forces (Cyber Defence Test and Evaluation Centre)

Project Assistant, Apr. 2019 - Apr. 2021

- Led planning and implementation for new upgrades to software cloning, accomplished 50% increase in overall project efficiency
- Handled scripting tasks for debugging and automation using Python and Bash, saving over 20 hours in weekly QA work
- Wrote 2 reports on networking, operating systems and programming languages; presented on malware analysis tools to 3 SOC(Security Operations Center) teams, 1 international team.
- Collaborated with commanders, technical and administrative colleagues to carry out and conduct exercises.

Freelancer

Happy Media, Feb. 2021 - Feb. 2021

- Collaborated with marketing department to develop an automated excel workbook as a data entry template
- Increased efficiency of data entry by 30% through implementing auto-highlight and auto-sort scripting
- Used Python (Openpyxl) to fix and sort 1500 excel columns with mistyped dates and spelling errors, resulting in client time-savings by 30%

PMG Asia, May 2021 - May 2021

- Collaborated with Accounts department to generate reports for clients.
- Automated data entry workload by 80% through the use of Python(Openpyxl, pandas)
- Programmed a parser for 53 data files that otherwise would have been done manually, resulting in client receiving accurate data and on time.

SKILLS

PROGRAMMING SKILLS: Python, SQL, C, Solidity, TypeScript, Javascript

CONCEPTS: OOP, MVC, Microservices Architecture

CLOUD SERVICES: AWS

WEB FRAMEWORKS: MERN, FLASK

PROJECTS

BuyMeAKopi - Web dApp

Implemented a decentralised app in which visitors can leave a written note along with some ethereum

TeamPickMe — Web Application

Implemented a web app that does team scrambling for games. It was also used as the entry for CS50's final project component.

<https://github.com/kingsmil/TeamPickMe/blob/main/README.md>