MUN YIT HUNG, NIGEL

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EDUCATION

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN   **Sep 2020–Present**
- Third year student studying Computer Science and Design
- Cumulative GPA: 4.00

St. Andrew's Junior College   **Jan 2016- Nov 2017**
- GCE A-Levels
- Rank points: 81.25

Victoria School   **Jan 2012- Nov 2015**
- GCE O-Levels
- L1R5: 9

WORK EXPERIENCES

Software engineer intern
Federal Packaging Industries Pte Ltd   **May 2021 – Sep 2021**
- Managed software application installation, configuration, troubleshooting and upgrades.
- Prepared documentation such as user manuals and operation instructions to ensure effective use of systems.
- Supported the IT and Engineering manager, configured and maintained Programmable Logic Controllers and performed back-ups.
- Attended company-related courses in Mitsubishi, such as Ladder Diagram programming for IQ-R PLC, GOT2000 Human Machine Interface and SCADA.

Software programming intern
Seed Ventures Management Pte Ltd   **Dec 2021 – May 2022**
- Used JavaScript and Canvas API to generate random NFT artwork in the thousands.
- Used ReactJS to build informational websites for clients.
- Smart Contract Programming in Solidity to deploy on Ethereum blockchain.
- Clients include Academy Award winner Nickson Fong and founder of LIV3LY Jeffrey Foo.

Singapore Sports Council
Staff Official in the 8th ASEAN Para Games   **Dec 2015**
- Oversees all sports events and ensures they are conducted fairly.
- Worked as a team to analyze and review competition videos.

RELEVANT PROJECTS

Google Development Hackfest 2022 (GitHub)
- Made a Java App in Android Studio, aiming to solve one of the 17 United Nations Sustainable Development Goals.
- Built a functional and responsive Android app that employs a Tinder-style card-view UI for job searching, allowing better communication between the hirer and job searcher.
- Deployed Firebase as a backend hosting service.

Machine Learning predictive model on COVID-19 data

- Predicted number of new COVID deaths using real data by training multiple linear regression models.
- Using Python to code out the cost function and gradient descent and evaluated the model using key metrics such as mean squared error and r-squared value.

Disney + Website clone (website) | (GitHub)

- Built a functional, responsive Disney+ website with react on Mobile, Desktop and Tablet.
- Used Styled Components and CSS for website design, and utilized Redux as data layer for data access
- Implemented login system to allow for CRUD operations on user list and validation in Firebase, and deployed Firebase as a backend hosting service.

NATIONAL SERVICE

Public Transport Security Command (Transcom)   **July 2018 - Feb 2020**

- Group Leader of the patrol team
  - In-charge of decision-making and directed instructions to the patrol team.
  - Awarded Silver for achieving 12 proactive arrests

- Team Leader and Deputy Team Leader's Staff Assistant
  - Collaborated with the Team Leader to plan and prepare a patrol shift work plan, resulting in a 20% increase in proactive arrests in the team.

ACHIEVEMENTS

Edusave certificate for achievement, Good Leadership and Service (Eagles)	**2011, 2013** **2014, 2016**
Singapore School Sports Council Colors Award	**2014, 2016**
Victoria School GPS Sports Scholarship	**2011- 2016**
SAJC Colors Award	**2016**
SUTD Undergraduate Scholarship	**2020-Present**

SKILLS SET

Organization skills

- Meticulous • Focused • Flexible and Adaptive • Creative and Innovative

Communication and Interpersonal skills

- Friendly and approachable • Team-oriented

Programming Skills

- Python • HTML / CSS / JavaScript • Arduino • Java • ReactJS
- Ruby on Rails • Angular