

MUN YIT HUNG, NIGEL

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EDUCATION

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN (SUTD) Sep 2020 – May 2024

- Computer Science undergraduate, SUTD Undergraduate Scholarship

St. Andrew's Junior College

Jan 2016 - Nov 2017

- GCE A-Levels
- Rank points: 81.25

RELEVANT WORK EXPERIENCES

Risk Advisory, Data Analyst Intern

Deloitte Touche Tohmatsu Ltd

May 2023 – Aug 2023

- Crafted an IT auditing software in two months using Python, SQL, and VBA, automating data processes and enhancing client efficiency by over 500%.
- Spearheaded back-end logic development with SQL and VBA for reliable test results and streamlined data management.
- Utilized Power BI and Tableau for impactful data visualizations.
- Managed client relationships, ensuring timely and quality software product delivery.
- Served as a Teaching Assistant for internal Data Analytics courses.

Software Developer Student Researcher

Singapore University of Technology and Design

Aug 2022 – Jul 2023

- Developed a data collection webpage using Angular and deployed on Python Flask.
- Utilized Data Visualisation tools using Angular Materials to track students' progress for their school projects.
- Made use of RESTful API design to implement CRUD operations on user data.

Freelance Web3 Software Developer

Jan 2023 – Feb 2023

- Collaborated with clients including Jack Neo's production team J Team Universe ([website](#)) and Swiss-based company Hempbased on two distinct projects to develop informative NFT websites.
- Facilitated streamlined minting and blockchain integration through Solidity smart contracts.
- Integrated frontend with Metamask using etherJS and Alchemy library, also enabling credit card payments.

Frontend Developer Intern

Shopee Singapore Pte Ltd

Aug 2022 – Dec 2022

- Developed Shopee's internal ticketing system using ReactJS, FabricJS, and Ant Design.
- Optimized app data management using React states, hooks, Redux, and component lifecycles.
- Boosted website speed by 5x by migrating data from Google Sheets to MySQL and Redis with Node.js and ExpressJS.
- Handled CRUD operations for the ticketing system, connecting backend to frontend.
- Enhanced proficiency in web development concepts, including RESTful API design.

Software Developer 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.

Software Engineer Intern

Federal Packaging Industries Pte Ltd

May 2021 – Sep 2021

- Oversaw software application setup, updates, and troubleshooting.
- Authored user manuals and operation guides for optimized system usage.
- Assisted IT and Engineering manager with Programmable Logic Controllers maintenance and backups.
- Completed Mitsubishi courses in IQ-R PLC Ladder Diagram programming, GOT2000 Human Machine Interface, and SCADA.

RELEVANT PROJECTS

Personal ePortfolio ([website](#)) | ([GitHub](#))

- Built a functional and responsive portfolio website using ReactJS for Mobile, Desktop and tablet, showcasing all previous experiences and personal projects.
- Used Styled Components and CSS and other styling methods such as Parallax Scrolling
- Implemented WhatsApp Business API, Telegram API and EmailJS for seamless contacting.

Automated form-filler and Analytics Dashboard ([GitHub](#))

- Designed a responsive web dashboard for text/image analysis with Angular frontend and Ruby on Rails backend, deployed on Google Cloud Platform.
- Implemented JWT-based user authentication.
- Integrated Google VertexAI, VisionAI for sentiment analysis, and Java Hawking Algorithm for date parsing.
- Executed system tests with Cucumber, Cypress, Artillery, and Postman.

Disney + Website clone ([website](#)) | ([GitHub](#))

- Built a functional, responsive Disney+ website using ReactJS.
- Utilized Redux as data layer for data access.
- Implemented login system to allow CRUD operations on user list and validation in Firebase.

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF-01)

Aug 2023

SKILLS SET

Programming Skills

- Python • HTML / CSS / JavaScript / TypeScript • Java • SQL • Arduino

Technology and Framework Skills

- ExpressJS • React / Next.js • Angular • Django • Spring Boot • Docker
- FastAPI • Power BI • Tableau • Redis