Yu Shi Jie

I am an independent, capable and fast learner with a passion for computing. My passion is demonstrated through my participation in various competitions and my commitment to building applications as a personal endeavour. My subject of expertise includes data analytics, web development and blockchain development. I am particularly interested in FinTech, especially in the area of Decentralised Finance (DeFi), and have taken the initiative to learn smart contract programming by myself.

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⬡ github.com/ysjprojects

EDUCATION

Business Analytics (B.Sc)
National University of Singapore

08/2020 - Present   *4.06*

A-Levels
Dunman High School

01/2012 - 12/2017   *87.5*

Courses

- H1 General Paper
- H2 Mathematics
- H2 Computing
- H1 English Literature
- H2 Physics
- H1 Project Work

PERSONAL PROJECTS

SocialShield

Kekapi

ParsERC20

Pomodoro

Covvizzes

WORK EXPERIENCE

Freelance Web Developer
Self-employed

01/2020 - Present

Achievements/Tasks

- Developed a Pomodoro timer Android application with React Native
- Developed an interactive Covid-19 dashboard with Rails
- Developed parsERC20, a REST API service built on Express.js that programmatically pulls data from Etherscan
- Developed REST APIs for my own usage with Flask

Administrative Support Assistant
1st Battalion Singapore Guards

04/2018 - 11/2019

Achievements/Tasks

- Served as a personal assistant in the Commanding Officer (CO) Office
- Heralded the battalion duty/inventory management system
- Served as evacuation assistant during battalion exercises

SKILLS

Python Javascript Java C++

Ruby on Rails HTML/CSS React Vue

Flask D3.js Node.js R Tableau

Solidity Web3.js MongoDB

SQL (mySQL, postgreSQL)

ACHIEVEMENTS

IMDA NIC Face-Off App Development
1st

IMDA NIC Face-Off Data Analytics
2nd

Apicta
Merit

Splash Awards
1st

Code::XtremeApps::
3rd

National Olympiad in Informatics
Honorable Mention

CERTIFICATIONS

Decentralized Finance (DeFi): The Future of Finance Specialisation

Full-Stack Web Development with React Specialisation

Financial Technology (Fintech) Innovations Specialisation

LANGUAGES

English
Native or Bilingual Proficiency

Mandarin
Native or Bilingual Proficiency

INTERESTS

Cycling Gym Piano Blockchain