

Royce Teng

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- <https://github.com/sleepreap>

EDUCATION

Nanyang Technological University, Singapore **Aug 2021 - Present**

Bachelor of Engineering (Computer Science) With a Second Major in Business

Achieved Distinction in: Digital logic, Linear Algebra, Financial Accounting

Relevant Coursework/Modules Taken

- Programming fundamentals in Python and C, Data Structure and Algorithm Analysis, Computer Architecture, Object-oriented Programming in Java and C++, Data Science and Artificial Intelligence, Databases, Software Engineering
- Currently taking modules on Artificial Intelligence, Neural Network and Deep Learning

ACADEMIC PROJECTS

Nanyang Technological University, Singapore

Title: Workout Web Application Using MERN-Stack **May 2023 - Aug 2023**

- Developed a web application using React that allows users to view, add and delete simple workout plans
- Integrated NodeJs as the server and MongoDB as the database

Title: 3D Haunted House **May 2023 - Aug 2023**

- Developed a 3D haunted house render using Three.js
- Incorporated lightings and shadows to enhanced the environment

Title: Automation Of Vaccination Appointment Booking **Jan 2023 - Mar 2023**

- Developed an appointment booking system Leveraging UiPath to automate booking, rescheduling and cancellation of vaccination appointments processes on HealthHub
- Integrated Google Calendar to automatically select timeslots which does not clash with calendar events from HealthHub
- Reduced booking appointment time taken by nearly 60%

Title: MOBLIMA **Aug 2022 - Dec 2022**

- Implemented an application to computerize online booking processes and purchase of Movie tickets, listing of Movies and sale reporting.
- Created a comprehensive application with similar interface and functions as current Movie booking websites

Title: UFC Betting Using Machine Learning **Jan 2022 - May 2022**

- Created a Machine Learning model to analyse and predict fight outcomes and applying betting strategy to maximize theoretical profits
- Achieved 65% accuracy on predicting fight outcomes using Logistic Regression and Decision Tree model

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- Designed a betting strategy which achieve a theoretical profit of 280X of starting capital

WORK EXPERIENCE

Sunningdale Tech, Singapore

Feb 2021 - May 2021

Operator (Part-Time)

- Facilitated in operating of production machines for day-to-day operations
- Facilitated in packing and labelling of machine parts so delivery of required machine parts are met
- Established peer-to-peer learning by teaching and leading less experienced teammates on operating production machines

Sheraton Towers, Singapore

Nov 2020 - Dec 2020

Banquet Server (Part-Time)

- Fostered enjoyable event atmosphere through friendly guest interactions and maintained event cleanliness during service
- Developed teamwork and collaboration with peers to ensure a smooth service and event.
- Maintained satisfaction of events from guest

COMMUNITY SERVICE

International Migrant's Day

Jun 2017 - Dec 2017

Game Master

- Organised and hosted an event for more than 300 migrant workers through collaborations with Migrant Workers Centre
- Lead a group of five in designing booth games and setting up of booth
- Lead a group of 5 on educating migrant workers on what is work safety and how to spot unsafe work practices through booth games

SG Secure Campaign

Jun 2017 - Dec 2017

Member

- Hosted an event for more than 300 migrant workers in Little India through collaborations with Migrant Workers Centre
- Educate migrant workers on how to identify threats and emergencies, as well as how to use SGSecure App to report such incidents

SKILLS

- Languages: English (1st Language), Chinese (2nd Language)
- Programming: Python, Java, JavaScript, React, Three.js
- Software Applications and Frameworks: Microsoft Office PowerPoint 2019, Photoshop, After Effects, UiPath

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HOBBIES & INTERESTS

Travelling, Sports (Football, Badminton)