

Name: Wang Sishi

Email address: WANG1575@e.ntu.edu.sg

Education:

Nanyang Technological University 2020 - Present
Bachelor of Business (business analytics) and Computing, **Double Degree**

Hwa Chong Institution 2018-19
GCE A Level Cert 2020 obtained

Work Experience:

JP Morgan, Software Engineer Program June-Aug 2023
Software Developer Intern, International Private Banking

Zuellig Pharma, Associate Specialist, Data Analyst (Part-Time) Aug-Dec 2022
Data Analyst Intern May-Aug 2022
Streamlined insights generation by automating the workflow with Python, reducing manual effort and increasing efficiency.

- Created ad-hoc data processing scripts and developed interactive Tableau dashboards, effectively communicating complex data with clients
- Incorporated tabcmd to automate tableau processes, improving overall performance
- Utilized web scraping techniques to collect relevant data from diverse sources, ensuring comprehensive data acquisition for data analysis

SPIRIT centre NTU, Data Analytics Intern June-Aug 2021
Conducted analytical studies on malware and deployed machine learning models to classify IoT botnet attacks. Worked with senior researchers to carry out literature studies.

- Performed data cleaning and expository analysis on IoT malware datasets using Jupyter notebook and SQL to derive insights
- Being involved in literature research on malware and honeypot analysis, IoT malware classification, host based code injection, cyber kill chain, and diamond model

Projects:

Likewise Website Development Aug-Nov 2022
Built a responsive website with React and Java

- Featured a social platform with chat groups for university students to sign up for event activity groups of their liking.

Fitness App Development Jan-May 2022
Developed a mobile responsive application on Android Studio

- Key features include nearby eateries, calendar tracker, content feed, reward system, friend management, profile, rate and review, google map API call

Attrition Prediction Jan-May 2022
Predicted employee attrition rates using machine learning models

- Applied random forest, logistic regression, sentiment analysis, association rules , and neural network with evaluation

Movie Revenue Prediction Jan-May 2022
Predicted movie revenue based on input attributes such as runtime and determined the most robust model.

- Performed data extraction, data cleaning, exploratory analysis using Jupyter Notebook
- Applied linear regression, Catboost and Neural Network regression with evaluations

Vaccination Database Analytical Study

Aug-Nov 2021

Manipulated Covid19 vaccination data to derive insights and provided recommendations to stakeholder.

- Performed queries using SQL and MongoDB to clean data, modify column data type, join tables and retrieve relevant data from tables
- Demonstrated relational and non-relational database designs

Certificate:**Google Data Analytics Professional Certificate**

Dec 2021

Learned professional skills of data manipulation using SQL, creating reporting dashboards, presenting analysis results through data visualisation and building analytical solutions.

Skills:

Programming Technologies: React, Angular, Python, Java Script, Java, R, SQL

Tools: Visual Studio Code, Jupyter Notebook, Spyder, Tableau, MySQL, MongoDB, Excel

Knowledge: Data Analytics, Software engineering

Courses: HackerRank SQL (Intermediate) Certificate

Awards & Accomplishments:

JP Morgan Code for Good 2022 Finalist

Oct 2022

1st Runner-up, developed a web/mobile responsive gamified application consisting exploratory trail, reward system, quizzes and heritage videos tailored to student user's preferences

NBS BAC x Deloitte Business Analytics Hackathon

Feb 2022

2nd Runner Up out of 32 contestants, developed python scripts, risk profiles and dashboard for fraud detection

Hwa Chong diploma (Distinction)

Initialised Project Blossom and obtained Merit Award in Youth for Causes Challenge launched by Citi YMCA

2018

CCA Activities:

Institution of Engineering and Technology (IET) (Logistics)

2021-2022

Business Analytics Club (External relations sub-committee)

2020

Art Club (Publicity IC)

2017-18