

## EDUCATION

**Nanyang Technological University, Singapore**  
**Bachelor of Computer Science**

Aug 2022 - May 2026

- Bachelor of Engineering in Computer Science Specializing in Data Science

**Tampines Meridian Junior College, Singapore**

Jan 2018 - Dec 2019

**GCE A Levels**, Rank points 86.25/90

## WORK EXPERIENCE

**Consulting Group - Asia Insight Pte. Ltd.**

Feb 2022 - May 2022

**Data Analyst**

- Cooperated with a team of 7 for a project commissioned under the National Environment Agency, tasked with collecting and analysing data on public toilet cleanliness in Singapore
- Utilized survey forms and created graphs using Tableau to visually represent data insights on public feedback on public toilet cleanliness
- Developed informed recommendations for improvements in public toilet cleanliness and contributing to the enhancement of sanitation standards in Singapore by increasing public satisfaction by 20%

**One Zeus Solutions**

Jan 2020 - Mar 2020

**Sales Associate**

- Coordinated with assigned mentor to advertise and bolster brand awareness for ISwitch, one of Singapore's largest independent electricity retailers
- Planned and executed design, strategic marketing initiatives and campaigns, employed digital marketing platforms and social media channels, contributing to the expansion of its customer base and market presence within a 3 month timeline

## PROJECTS

**Nanyang Technological University, Singapore**

Jan 2023 - Mar 2023

**Data Analyst**

- Executed a data-driven project centred on predicting divorce likelihood using Kaggle-acquired dataset implementing a diverse set of machine learning models and achieving a predictive accuracy rate of 85%.
- Utilizing visualizations such as Correlation Matrix, Violin-plot, Histogram, Boxplot, Pair-plot, and Confusion Matrix to support and streamline team members in fulfilling tasks within the 3 month timeline
- Applied diverse ML models including Bagging, Random Forest, Extra Trees, Ada Boost, Gradient Boosting, Gaussian Process, Logistic Regression CV, Gaussian Naive Bayes, K Neighbours, SVC, Linear SVC and Decision Tree
- Emphasized proficiency in Exploratory Data Analysis, scripting, and model evaluation

**RPG Character Statistics Generator**

Mar 2021 - Jun 2021

**Creator**

- Showcased proficiency in CSS, HTML, JavaScript, Bootstrap Frameworks and application development by developing a web application—a user-friendly pseudo personality test for users to create characters for role-playing games
- Integrated algorithms to evaluate and assign four crucial in-game skills to characters, demonstrating a seamless correlation between the acquired skills and impact on gameplay dynamics.

## LEADERSHIP EXPERIENCE

**Singapore Association of the Visually Handicapped**

Jan 2018 - Jun 2018

**Event Planner**

- Spearheaded a team of volunteers in organizing a Dining in the Dark session within a 5 month timeline, orchestrating efforts to raise awareness and deepen understanding about the visually handicapped
- Facilitated weekly meetings, managed event logistics, ensuring efficient progress and collaboration among team members and the event would provide a seamless and impactful experience to participants

## TECHNICAL SKILLS

- Programming: Python, Java, C, C++, JavaScript, HTML, CSS
- Database Management: SQL
- Data Visualisation: Jupyter Notebook, Tableau, Excel

## SKILLS

- Languages: Proficient in English and Chinese

- Soft Skills: Problem-Solving, Technology, Adaptability, Teamwork, Interpersonal Skills, Process Optimization, Integrity, Communicative, Resilient, Leadership, Confidence, Presentation, Performance Improvement, Project Management