

DAN YI JIA

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SKILLS

- Languages: Python, SQL, R, HTML
- Data Visualisation Softwares: Power BI, Tableau, Google Looker Studio
- Libraries: Pandas, Numpy, Seaborn, Scikit-learn, Streamlit
- Others: AWS, Alteryx, Figma, Airflow

COURSES & CERTIFICATES

- AWS Certified Solutions Architect – Associate
- Microsoft Power BI Desktop for Business Intelligence (Udemy)
- Google Professional Machine Learning Engineer Certification

WORK EXPERIENCE

TENCENT

Jun 2025 to Current

Data Science Intern

Mainly supported Dying Light: The Beast (Techland)

- Performed validation of telemetry data provided by game studios to aid in data analysis
- Answering studios' data questions to refine game better and performing data quality checks using BigQuery (SQL)
- Deployed and orchestrated data pipelines in Google Cloud Composer using Apache Airflow

PRICEWATERHOUSECOOPERS (PWC)

Jan 2024 to Sept 2024

Data Analyst

- Automated data extraction from SQL server daily and output into Excel sheet with multiple tabs separated by statuses through Alteryx workflow creation
- Analysed service requests raised in system through Power BI dashboard creation
- Designed business process maps and business requirement documents
- Quality Assurance Testing of Power Apps

BANK OF SINGAPORE

Jul 2022 to Dec 2022

Financial Crime Compliance Intern (Innovation, Data Analytics & Technology)

- Performed anomaly detection of fraud by running, modifying, and enhancing Python scripts using Pandas

ERNST & YOUNG

Dec 2021 to Apr 2022

Tax Technology & Transformation Intern

1 out of 15 students picked for the Accounting Work-Study Data Analytics Internship with Ernst & Young

- Analysed and interpreted patterns and trends of tax components across 60 companies in Power BI dashboards
- Initiated use of Power Query to increase efficiency for a manual task given to transform PDFs into Excel data

EDUCATION

National University of Singapore (NUS)

Jan 2025 to Jun 2026

Master of Computing

(Expected)

Courses taken/in progress: Data Structures and Algorithms (Python), Data Analytics, Apache Hadoop, Spark, Cloud Computing

Singapore Management University (SMU)

Aug 2019 to Jan 2024

Bachelor of Accountancy, 2nd Major in Accounting Data & Analytics (Merit)

- Recipient of SMU School of Accountancy Financial Scholarship 2020/2021, 2021/2022 & 2022/2023

Meridian Junior College (MJC)

- 1 out of 9 recipients of MOE AY2017 Pre-University ASEAN Scholarship for Malaysians

PROJECTS

Analytics of Relation between Awards Given and Creativity

Aug 2025 to Jun 2026

NUS MComp Capstone Project

- Developed script to extract relevant posts and comments to give out Reddit awards via PRAW
- Created automation to mimic human behaviour to give out Reddit awards via Playwright

ParkWise (Carpark availability web application)

Aug 2025 to Nov 2025

NUS Cloud Computing Project

- Connected AWS API to frontend and maintained frontend
- Parkwise [link](#)

EDA Dashboard

NUS IT5006 Introduction to Data Analytics Project

Aug 2025 to Nov 2025

- Streamlit dashboard [link](#)

Part-Timer Profiling

Jan 2023 to Apr 2023

SMU Capstone Project

- Analysed & transformed data by running scripts on RStudio
- Visualised data of part-timers on Google Looker Studio

ADDITIONAL INFORMATION

Languages: Chinese (Native), English (Native), Malay (Intermediate), Japanese (Elementary)

Hobbies and Interests: Music, Table Tennis, Travelling, Self-Improvement