Tay Xun Yang

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Profile

Inquisitive and meticulous undergraduate in Business Analytics with a strong passion for data and technology. Currently seeking a part-time internship (2023 Jan - 2023 May) to grow my professional skills

EDUCATION

National University of Singapore	**Singapore**
Bachelor of Science in Business Analytics (Hons), School of Computing	Aug 2020 – May 2023
(Expected)	
Ngee Ann Polytechnic	**Singapore**
Diploma in Information Technology, Business & Data Analytics Specialization	Apr 2015 – May 2018

- Awarded Diploma with Merit for top 10% graduating students

WORK EXPERIENCE

PSA Corporation Limited	**Singapore**
Data Analyst Intern	May 2022 – Oct 2022

- Forecasting SQL query resource usage with machine learning using Python
- Design and develop an auto recovery strategy to rectify job scheduling failure using Python

Motorist PTE LTD	**Singapore**
Part-Time Business Analyst	Aug 2021 – Oct 2021

- Maintain existing Google Data Studio dashboard
- Automate ETL process with Python & Google Cloud

Business Analyst Intern	May 2021 – July 2021

- Gather & compile data from different sources into one location using Python & Google Cloud
- Build a dashboard using Google Data Studio to monitor key performance weekly
- Automate LTA data extraction with Python and compare with inhouse data to determine market share

PSA Corporation Limited	**Singapore**
Data Analyst Intern	Mar 2017 – Aug 2017

- Gathered user's requirement for data quality assurance project via document analysis and interview
- Design and implement a data quality assurance program with Python & SQL to achieve data integrity
- Coded a batch file script with PowerShell to check for missing and corrupted files daily

CERTIFICATES

- Deep Learning Specialization - **DeepLearning.AI**
- Financial Market Analysis - **IMF**
- Social Media Analytics Using R - **Tertiary Courses Singapore**

PROJECTS

Instagram Influencer Analysis	Nov 2021 – Dec 2021

- Scrape Instagram Influencer posts and determine whether the post is a sponsored post.

SKILLS

Languages: English and Mandarin (Spoken and Written)

Data Visualization Software: Tableau, Qlik Sense, D3.js, Google Data Studio

Technical Skills: Time Series Analysis, NLP Machine Learning, Deep Learning, Git, Data Scraping

Programming Skills:
- Python (NumPy, Pandas, Scikit-learn, Tensorflow)
- SQL (MySQL, SQL Server, Bigquery, MongoDB)
- Others (R, JavaScript, Java, C#)