

TORRIN PANICKER

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EDUCATION



National University of Singapore (NUS)

Aug 2019–May 2023

- Bachelor of Science, Data Science & Analytics (Hons)
- Module focus: Data Analytics, Computer Science, Mathematics and Statistics
- Programming Languages : Python, Java, R, SQL

WORK EXPERIENCE & CERTIFICATIONS



DBS Consumer Banking Group – Regional Data Management Full-time Internship

Dec 2022–May 2023
May 2022–Aug 2022

- Studied analytical requirements for business problems and converted the business problems into analytical solutions through data exploration and data analysis
- Created ML pipelines using Python and PySpark for large datasets
- Utilised supervised and unsupervised machine learning models based on analytical requirements
- Performed exploration into speech analytics which includes implementing and testing speech analytics models
- Developed User Interface (UIs) to demonstrate speech analytics findings
- Carried out numerous outlier detection tasks



KPMG-Forage Data Analytics Consulting Virtual Internship

July 2021

- Data Quality Assessment
- Data Insights (Target high-value customers based on their demographics)
- Data Presentation



ANZ-Forage Virtual Internship (Data @ ANZ Program)

Dec 2020

- Exploratory Data Analysis & Predictive Analytics
- Task is based on a synthesised transaction dataset containing 3 months' worth of transactions for 100 hypothetical customers
- Examined dataset using Python as the analysis tool
- Presented trend analysis visually and computed characteristics of data



Singapore Police Force (National Service) - Administrative Assistant

Feb 2017-Nov 2018

- Staff Assistant at Tanglin Investigation Branch
- In charge of filing and sorting of important documents
- Served as a liaison between members of public and senior officers by enabling contact when public showed up for appointments
- Deployed as a Ground Officer to maintain security at President Donald Trump's accommodation venue during the 2018 North Korea–United States Singapore Summit

HACKATHONS & COMPETITIONS



Alpha Ori Technologies

Apr 2022

Maritime Carbon Efficiency 2022

- Tasked with creating emissions baselines for different ship types
- Allow ship owners and operators to evaluate the efficiency of their ships with the end goal of a 40% reduction in carbon emissions by 2030
- My team was awarded third place



Citibank Singapore

Aug 2021

Citi HackOverflow 2021

- Design a multi-user application to allow users to purchase QR code vouchers for offline shopping
- Tasked with designing flows that integrate well between each component to give an overall excellent user experience
- My team was awarded first place



NUS Statistics Society in partnership with Hewlett Packard

Jan 2021

Data Science Competition 2021 : Applied Computer Vision

- The objective of the competition was for participating teams to train a computer vision model to count the number of computer chips in an image. The model needed to be trained with handwriting recognition to read the count of the computer chips reflected in the image and to develop potential methods to account for anomalies
- Gave a presentation of the solution to the panel of judges
- My team was shortlisted as a top ten finalist



Singapore University of Technology and Design (SUTD)

Nov 2018

SUTD Movie Hackathon

- Participants were guided through design thinking and creative problem-solving processes in teams to design solutions for real world problems (based on the movie). My team proposed a solution for traffic related problems in a city's transportation network.

EXTRA-CURRICULAR ACTIVITIES



Bridge Captain (Catholic Junior College)

Jan 2015–Dec 2016



Vice-Captain of Squash team (St Joseph's Institution)

Jan 2011–June 2014

Peer Support Leader (St Joseph's Institution)

Jan 2013–Dec 2013

PROFESSIONAL CERTIFICATIONS & LICENSES



IBM Data Science Professional Certificate

2018 - 2019

- Databases and SQL for Data Science
- Machine Learning with Python
- Applied Data Science Capstone



Duke University

2019 - 2019

- Data Science Math Skills - Online via Coursera



Data Camp Certificate

2019 - 2019

- Skill Track - Python Programming
- Skill Track - SQL Fundamentals



Codecademy

2018 – 2018

- JavaScript
- GIT
- Introduction to Programming Using HTML and CSS
- Introduction to Programming Using Python 2

REFERENCES

Provided upon request