

TAN PENG KIANG

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EDUCATION

National University of Singapore

Aug 2024 - May 2028 (Expected)

Bachelor of Computing in Information Systems (Y1)

- Part of NUSC, the Honors College of NUS
- Modules Taken:
CS1010J Programming Methodology (A+) | BT1101 Introduction to Business Analytics (A-) | MA1521 Calculus (A-)

PROFESSIONAL CERTIFICATIONS

DP-100 Azure Data Scientist Associate

Dec 2024

- Design and implement end-to-end machine learning solutions on Azure.
- Train, evaluate, and deploy ML models using Azure Machine Learning services.
- Optimize language models and ML pipelines for production AI applications.
- Credential ID: A2A813BBFAEB3BB5

DP-900 Azure Data Fundamentals

Jul 2024

- Experienced in implementing and managing Azure data solutions including storage, processing, and analytics workloads
- Proficient in core data concepts and architectures for both relational and non-relational databases
- Credential ID: 94C693C504F6BB5D

PROJECT

Helper Bot for Mental Health Support

- Hugging Face API Calling with Simple User Interface (UI).
- <https://github.com/ThePeeKayy/IS1108>

Tech Stock Market Prediction

- Temporal Fusion Transformer, Quantile Regression DQN and Classification Models for NLP.
- <https://github.com/ThePeeKayy/StockPrediction>

Art E-Commerce Website with Payment & Chat Functions

- Supabase for relational database, with Stripe (payment) and GetStream (chat) API.
- <https://arto-lac.vercel.app/>

Student Result Predictor

- Utilized PyTorch, Flask & Kaggle.
- <https://student-result-predictor.vercel.app/>

CO-CURRICULAR ACTIVITIES

NUS College, House Captain

Aug 2024 - Present

- Organized and coordinated house-events, bonding activities to enhance student engagement and foster sense of belonging among residents.
- Spear-headed recruitment process for the orientation program and Inter-House Games.
- Actively involved in logistical procedures not limited to budgeting, claim reimbursement matters.

NUS Kayaking, Administration Executive

Aug 2024 – Present

- Liaised with participants to confirm registration, provide event details and ensure timely payments of participation fees.
- Maintained accurate records of participant details, certifications and payment status while ensuring compliance with PDPA regulations.
- Acted as key point of contact between club and participants and external stakeholders.

SKILLS

- Programming Language: Python, Java, JavaScript, R, CSS, VBA
- Programming Libraries: Pandas, Scikit, PyTorch, Matplotlib, NextJS, React, Tailwind
- Languages: English, Chinese