

# Teow Si Hao, Nicholas

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## WORK EXPERIENCE

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### National University of Singapore

Teaching Assistant

Singapore

Jan. 2024 - Present

- BT4211 - Data-Driven Marketing
  - \* Topics Covered: Marketing performance management, marketing metrics, data management, market and customer segmentation models

### Homage Pte Ltd

Covid Manpower Associate

Singapore

Nov. 2021 - May. 2022

- **System Implementation:** Implemented a shift planning system that incorporates flexibility, allowing care professionals to communicate their availability and preferences.
- **Conflict Resolution:** Communicated with Care Professionals employed under homage and solved any problems that arose during deployment.

## EDUCATION

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### National University Of Singapore

Bachelor of Science in Business Analytics

\* Grade: Expected First Class Honours

Singapore

Aug. 2022 - Apr. 2026

## PROJECTS

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### TwelfthMan | *React Native, HTML, CSS, JavaScript, Heroku, RESTful API, GitHub* May. 2023 – Aug. 2023

- \* A football predictor and fixtures app, developed using JavaScript, CSS, and HTML on the React framework, this app offers a seamless and engaging user interface.
- \* Utilizes APIs from reputable football data sites to provide users with comprehensive and real-time information about teams, players, fixtures, and match statistics.

### Discrete Event Simulator | *Java, Docker, Vim, OOP*

Jan. 2023 – Mar. 2023

- \* Usage of Java language coupled with Object-oriented programming (OOP) to create a program that can facilitate multiple customer-server interactions.

## COMPETITIONS

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### DSTA BrainHack

SeeTrue

Singapore

June. 2023

- \* Utilized advanced NLP techniques to participate in a competition focused on fake text and image detection.
- \* Leveraged with pre-trained BERT (Bidirectional Encoder Presentations from Transformers) model for fine-tuning on Python. Developed and implemented data preprocessing pipelines and integrated text-image analysis for improved detection accuracy.

## TECHNICAL SKILLS

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**Languages:** Python, Java, R, Tableau, SQL, Docker, React Native, JavaScript

**Developer Tools:** Git, Postman, Firebase, VS Code, Visual Studio, PyCharm, R-Studio, Microsoft Office

**Libraries:** pandas, NumPy, Matplotlib, nltk

**Data Analysis Techniques:** Linear Regression, Logistic Regression and Time Series Analysis

**Competency in:** MS Office, MS Word, Google Docs, Google Sheets