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Availability Period: 15<sup>th</sup> January 2024 – 31<sup>st</sup> May 2024

## EDUCATION

### NANYANG TECHNOLOGICAL UNIVERSITY, Singapore

Aug 2021 – May 2025

#### *Bachelor of Engineering in Computer Science*

- Expected Honours (Highest Distinction), Current Cumulative Average Point: 4.65 /5.0
- Awarded the Ngee Ann Kongsi Tertiary Award AY 2023/24 (University Study Award)
- Awarded the Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED)
- Relevant Modules: (1) Algorithm Design & Analysis (2) Object-Oriented Design & Programming (3) Data Structures & Algorithm (4) Software Engineering (5) Introduction to Databases

### VICTORIA JUNIOR COLLEGE

Jan 2019 – Dec 2020

#### GCE 'A' Levels

- Achieved distinctions in H2 Mathematics
- Awarded the MOE Good Leadership and Services (EAGLES) in 2020
- Received the Singapore School Sports Council Colours Award in 2019

## ACADEMIC PROJECTS

### Software Engineering Project

Jan 2023 – Apr 2023

#### Title: CCRental - Web Development in Comparing Car Rentals Application

- Created a full-stack web application together with 4 other group members utilising React JS and Node JS to efficiently compare car rental prices such as comparing getGo, CarLite and TribeCar car prices.
- Executed full stack development of web applications including designing the login page and the home page using React JS as well as writing sorting function in the backend.
- Demonstrated quick learning abilities by completing the full-stack development within 3 months despite having no prior experience in React JS and Node JS.
- Link: <https://github.com/keenlim/SC2006-Project>

### Object-Oriented Design & Programming Project

Oct 2022 – Nov 2022

#### Title: Movie Booking and Listing Management Application

- Collaborated with 5 group members to design a non-Graphical User Interface (non-GUI) application using Java programming language to streamline the process of online movie ticket bookings.
- Implemented builder design pattern to ensure efficiency and maintainability of code.
- Link: <https://github.com/keenlim/SC2002-Project>

### Introduction To Data Science & Artificial Intelligence

Mar 2022 – Apr 2022

#### Title: Disaster Tweet Identification Using Machine Learning

- Explored Disaster Tweets from Kaggle, to accurately identify tweets related to disasters, using various Python libraries (Pandas), as well as text processing models.
- Implemented Machine Learning models such as Dense Network using Keras and Long Short-Term Memory (LSTM) leveraging on TensorFlow to accurately predicts tweets related to disasters with up to 80% accuracy.
- Link: <https://github.com/keenlim/mini-project>

## LEADERSHIP & CO-CURRICULAR ACTIVITIES

### Cultural Activities Club - Wushu

Aug 2021 – Present

#### *Captain*

- Facilitated Welcome Week 2022 by promoting Wushu culture to increase participation rate by 20%.
- Hosted the NTU Invitational Wushu Championship 2022 to promote Wushu to a larger audience.
- Led the NTU Wushu Team in clinching Overall Champions during NTU Invitational Wushu Championship 2022.
- Clinched 3 individual gold medals as well as been bestowed the 3-Event All-Rounder Award (Female).

## SKILLS

**Programming Languages:** JavaScript, Java, Python, C, HTML/CSS, MySQL

**Software Applications and Frameworks:** React JS, Node JS, Bootstrap, Tailwind CSS

## HOBBIES & INTERESTS

**Interests:** Wushu, Web development, Application Development, Full Stack Development, Community Services

**Hobbies:** Playing musical instruments (Piano), Hand Embroidery, Sports (Badminton, Boulderling)