




# THIA SU MIAN

UNDERGRADUATE AT NATIONAL UNIVERSITY OF SINGAPORE

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## PROFILE

A keen learner, possessing excellent analytical and problem-solving skills. Seeking integration between my skills and my passion while creating an impact in the society. Hopes to network with talented individuals and inspire creativity through a fruitful interaction.

## SOFT SKILLS

- ● ● ● ● TEAMWORK
- ● ● ● ● RESPONSIBILITY
- ● ● ● ● COMMUNICATION
- ● ● ● ● CREATIVITY
- ● ● ● ● PROBLEM-SOLVING

## TECHNICAL SKILLS

- ● ● ● ● TYPESCRIPT
- ● ● ● ● REACT
- ● ● ● ● JAVA
- ● ● ● ● PYTHON
- ● ● ● ● NODEJS

## EXTRA-CURRICULAR

- Dunman High School Musical Society
- Core organising team for Bone Marrow Donation Program (BMDP) 2017
- Dunman High School Badminton Team
- Member of King Edward VII OCIP Laos
- Captain of King Edward VII Handball Team
- Vice-Captain of King Edward VII Badminton Team
- NUS Seeds of Good Program

## RELEVANT MODULES TAKEN

- CS1010X: Programming Methodology I
- CS2030: Programming Methodology II
- CS2040S: Data Structures and Algorithms
- CS2106: Introduction to Operating Systems
- CS2103T: Software Engineering
- CS2106: Introduction to Operating Systems
- CS3230: Design and Analysis of Algorithms
- CS3243: Introduction to Artificial Intelligence

## EDUCATION

**BACHELOR OF COMPUTING (COMPUTER SCIENCE) (HONOURS) AND BACHELOR OF SCIENCE (APPLIED MATHEMATICS) (HONOURS) | NATIONAL UNIVERSITY OF SINGAPORE** AUG 2020 - PRESENT

**INTEGRATED PROGRAM | DUNMAN HIGH SCHOOL** FEB 2012 - NOV 2017

H1 GENERAL PAPER: A	H2 PHYSICS: A
H1 PROJECT WORK: A	H2 CHEMISTRY: A
H2 MATHEMATICS: A	H2 ECONOMICS: A

## PROJECTS

### MOBILE ROBOT DESIGNED TO DETECT GAS LEAKAGES CRADLE SINGAPORE

Showcased a fully functional robot that was recognised by CRADLE Singapore, by displaying proficiency in engineering techniques as well as programming techniques using Raspberry PI and Arduino.

### SHOPEE CODE LEAGUE SHOPEE

Participated in Shopee Code League 2021, taking on about 350 teams in problem solving using ML concepts and techniques.

### KEVII COMPANION APP NUS ORBITAL

Achieved Apollo 11, the second highest tier award in NUS Orbital summer program, by developing an application for King Edward VII Hall from scratch using Figma, Flutter and Firebase Firestore.

### JARVIS TASK LIST BOT CS2103T

Built a CLI bot capable of performing as an interactive todo-list for an individual project by utilising OOP in Java with some elements of Javafx, Gradle, Git, Github and Sourcetree.

## PAST EXPERIENCES

### FULL-STACK DEVELOPER APPVANTAGE PTE LTD.

Developed sophisticated database interfaces and web applications that improved user engagement for major automobile companies by designing robust backend infrastructures and attractive UI at Appvantage using TypeScript, React, MongoDB, NodeJS, etc.