

Lee Kai Yi Zachary

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WORK EXPERIENCES

Singapore Armed Forces (SAF) <ul style="list-style-type: none">Republic of Singapore Navy, Maritime Security Task Force Surveillance OperatorKey role in critical maritime security operations, awarded Covid-19 letter of appreciation	Feb 21 – Feb 23
New Creation Church Program Assistant <ul style="list-style-type: none">Online program and webinar directorEvent planning using Microsoft PowerPoint & ExcelLogistics management	Mar 23 – Jul 23

EDUCATION

Singapore University of Technology and Design (SUTD) <ul style="list-style-type: none">Bachelor of Engineering (Computer Science and Design)GPA 4.5/5.0, SUTD Global Distinguished Scholarship HolderExpected date of graduation: August 2025	Sep 23 – Present
Yonsei University <ul style="list-style-type: none">Yonsei International Summer SchoolAchieved letter grade 'A' in Introduction to Psychology and Basic Korean Language I	June 24 – Aug 24

PROJECTS

<u>Telegram Scheduling Bot (Personal)</u> <ul style="list-style-type: none">Designed a telegram bot to read dates from an excel spreadsheet before sending scheduled remindersMade using python (telegram API, pandas)	Feb 23 – Mar 23
Singapore University of Technology and Design 10.014 Computational Thinking for Design <u>Mini Arcade (Python)</u> <ul style="list-style-type: none">Designed a terminal based mini arcade that contained 4 mini gamesMade use of Object Oriented Programming to create the games through turtle module in Python	Nov 23 – Dec 23
Singapore University of Technology and Design 03.007 Design Thinking and Innovation Night Runners <ul style="list-style-type: none">Designed an RFID Tag game using ArduinoMade use of double diamond approach to implement and address the problem statement – How might we transform Changi Business Park's garden from an underutilized area to an exciting community space designed to encourage social interactions between users?Voted favorite project and featured in DTI project showcase	Jan 24 – Apr 24

CO-CURRICULAR ACTIVITIES

Volleyball Club Secretary <ul style="list-style-type: none">Represented Singapore University of Technology and Design in the Singapore University Games both in 2023 and 2024Collaborated with other groups such as SUTD Tchoukball Club to organize inter-club camps to expose members from both clubs to new experiencesResponsibilities included managing club attendance, logistics and administrative mattersOrganized and managed club booth at school events such as Open House, Night Fiesta and Fifth row showcase	Sep 23 - Present
SUTD Bands Club Member <ul style="list-style-type: none">Performed in various school-wide events like Cultural Exchange and Open House	Sep 23 - Present
SUTD Freshman Orientation Orientation Group Leader Head <ul style="list-style-type: none">Responsibilities included event planning and people managementLeadership, teamwork and public speakingMentored and integrated incoming SUTD Freshmen students	May 24 – Sep 24

ADDITIONAL SKILLS

- Hard Skills: Microsoft Office, Python (Pandas, Matplotlib, Numpy), Figma, HTML, CSS, JavaScript, React.js, Flask, 3D modelling using Rhino
- Soft Skills: Teamwork, Leadership, Design Thinking, Event planning, Critical thinking, Time management
- Languages: English (Fluent in writing and speaking), Mandarin (Fluent in writing and speaking), Korean (Basic)