Tan Jing Kai

Computer Science Student at SUTD

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Projects

Full Stack Web Development, SUTD
Jun 2023 to Current

React, Microsoft Azure Cloud, Azure Language Studio

- Development of a ChatGPT-integrated Microsoft Teams App to facilitate real-time student engagement in classroom sessions, with the React Framework and Microsoft Azure Cloud to architect and power the application.

LaiLaiTask, SUTD
Jan 2024 to Apr 2024

Android Studio, Java, Object Oriented Programming, Augmented Reality

- To tackle the common issue of procrastination among students and professionals, our team developed LaiLaiTask in Android Studio with design concepts such as priority queues, design patterns and AR tools, successfully boosting productivity in our test development phase, providing a robust and user-friendly platform for efficient task management.

Experience

Co-Founder, SpeakEase
Jan 2023 to Current

Entrepreneurship, Computer Vision & Team Leadership

- A low-cost AI-assisted solution aimed at helping users hone their public speaking abilities, I developed the technical capabilities of SpeakEase and pitch deck together with my team to emerge 2nd place in 2 different competitions.

Marketing and External Relations Manager, SGP Foods
Dec 2020 to Nov 2021

Marketing, Business Management & Team Leadership

- Researched and developed the curriculum for the Management Associate's Program to develop talents within the company while reducing the cost of programme by 70% through grants.

Education

Singapore University of Technology and Design (GPA: 4.85)
Sep 2022 to May 2027

Bachelor's Degree (Expected Computer Science and Design),
Masters in Technological Entrepreneurship, STEP Program

Achievements:

SUTD Honours List 2022/2023
01.020 Design Thinking Project III, 2023, Best Project
MIT $15k Challenge - 2nd Place
National AI Student Challenge – Category B Winner
Blockchamps Hackathon 2022 – 2nd Place

Hwa Chong Junior College (87.5RP)
Jan 2018 to Dec 2019

Leadership

Night Fiesta Project Director, SUTD
Jun 2019

Project Management, Technical Proficiency & Technical Integration

- Tasked with enhancing the technological engagement and interaction of the event, I oversaw the development and integration of several key projects: creating a personality quiz, implementing RFID wristbands for interactive game booths, coordinating all publicity efforts, and constructing a thematic SUTD diorama, allowing us to attract over 500 guests with a 95% satisfaction rate.

OCIP Team Leader to Chiang Mai
Jun 2019

Decision-Making, Team Development & Task Delegation

- Led and designated taskings among the team to help Chiang Mai students with their university applications through giving tips for English and writing resumes, with 95% saying that our sharing made them more confident for their applications.

Certifications

SQL – MySQL for Data Analytics and Business Intelligence (Udemy)

- Conducted research on vaccine effectiveness in preventing spread of Covid-19 in Singapore, with SQL and Tableau.

Digital Analytics and Optimisation (Laures Academy)

Skills		
	Code	Python, Data Analytics (SQL, Tableau), Front-End Web Development (HTML, CSS, JavaScript), Java, Android Studio, Full Stack Web Development
	Personal Development	Public Speaking, Blogging, Writing, Video Editing (Final Cut Pro), Photography, Photo Editing (Photoshop, Lightroom)