TIONG SHAN KAI

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EDUCATION

Singapore University of Technology and Design (SUTD)   **May 18 – Sep 22**
- Bachelor of Computer Science
- Current GPA: 4.44/5

Singapore University of Management (SMU)   **May 18 – Sep 22**
- Bachelor of Business Management
- Current GPA: 3.62/4

Meridian Junior College (MJC)   **Feb 14 – Dec 15**
- A Level Results: 87.5/90 (4 H2 As, 2 H1 Bs)

WORK EXPERIENCE

Information Technology Intern (DHL Express Singapore)   **May 20 – Aug 20**
- Developed a daily payment notification script using **SMTP** and **Python**.
- Developed a **R** Shiny application for Customer Service chat analytics.
- Developed an Excel macro using **Microsoft VBA** to generate billing reports that saved employees 4 hours per report.
- Revamped an internal customer onboarding website using **HTML**, **CSS**, **JavaScript**, **Bootstrap** and **ASP.NET Razor Pages** to improve user experience and productivity.

Software Engineering Intern (Indeed)   **May 21 – Present**
- Localized Indeed's global payment platform using **Spring Boot**, **TypeScript** and **React**.
- Developed unit and integration tests using **Jest**, **JUnit** and **Mockito**.
- Setup **Jenkins** pipeline to automate merging of translation files with master branch.
- Managed task progress and merge requests using **GitLab** and **JIRA**.

CO-CURRICULAR ACTIVITIES

SUTD Uni-Y President   **Jan 20 – Dec 20**
- Oversee all club operations and led a team of exco members to organise events and community service programmes.

SUTD Uni-Y Director of Personal Development   **Jan 19 – Dec 19**
- Collaborated with YMCA staff and club members to organise volunteer workshops.

VOLUNTEER EXPERIENCE

Youth Expedition Programme (Myanmar)   **Jan 19 – Jan 19**
- Held fund raisers and planned workshops to teach language and computer skills.

PROJECTS

Digital World Final Project – Professor Student Consultation Booking App (SUTD)   **Apr 19**
- Worked in a group to develop a consultation booking system with Python, **Kivi** and **Firebase** to improve ease of booking and tracking for students and professors.

Machine Learning Final Project – Twitter Sentiment Analysis (SUTD)   **Dec 20**
- Worked in a group to design a sequence labelling model for informal twitter texts using Hidden Markov Model in **Python**.

Introduction to Information System 1D Project – CheQ (SUTD)   **Dec 20**
- Worked with 4 other team members to develop an **Android** application to enable remote restaurant queuing using **Java**, **Firebase** and **Git**.
- App was selected for a $3000 seed funding by Mitsubishi Corporation.

Elements of Software Construction 1D Project – SingHealth Audit App (SUTD)   **Jan 21**
- Worked with 3 others to develop a full stack progressive web application to digitalise SingHealth audit processes.
- Client side was developed using **React.js**, **HTML**, **CSS**, and **Material UI** framework.
- Backend was developed using **Node.js**, **Express.js**, **Heroku**, **MySQL** and **Azure**.

ADDITIONAL INFORMATION

- Skills: Python, Java, HTML, CSS, JavaScript, React.js, SQL, Android, Node.js, Express.js, JUnit, Git, Spring Boot
- Languages: English, Chinese