

TAN YI NING

NUS - Information System
IMDA SG Digital Scholar

PROFILE

IMDA SG Digital Scholar and NUS Information Systems undergraduate with experience in driving product enhancements, conducting data-driven analysis, and improving user experience. Skilled in translating business requirements into functional specifications, UI designs, and optimized workflows.

CONTACT INFORMATION

Phone +65 8156 3622

Email yiningtan02@gmail.com

SKILLSET

- **Programming Languages:** Java, JS, Python, SQL
- **Web Development:** React, Node.js, HTML, CSS, Material UI
- **Database Management:** MySQL
- **UI/UX:** Figma
- **Artificial Intelligence**
- **Specialties:** Data Analysis, Robotic Process Automation, Product Management

LEADERSHIP EXPERIENCE

- 2023: Captain - NUS Archery Club
- 2019-2021: Founding President - SOE-TP Student Chapter
- 2017: President - Chinese Dance

EDUCATION

National University of Singapore [GPA: 4.44/5] 2022 - 2026

Bachelor of Computing in Information Systems

Temasek Polytechnic [GPA: 3.88/4] 2019 - 2022

Diploma in Hospitality and Tourism Management

WORK EXPERIENCE

ByteDance - Global Payments Team Jun 25 - Oct 25
Product Management Intern

- Managed Checkout and Payment Method Management pages, translating complex requirements into scalable UI flows covering fees, foreign charges, and risk checks.
- Drove TikTok Shop Web's transition to a new cashier interface, adding payment methods, boosting payment success from 56% → 70%, and increasing WoW orders by 35%.
- Revamped cashier UI into a flexible, unified interface, reducing effort for custom changes.
- Redesigned the Payment Method Management page with subscription management, improving usability and streamlining interactions.

Shopee Pte Ltd - Regional Marketplace Operations Dec 24 - Jun 25
Data Analyst | Product Management Intern

- Conducted post-launch impact assessments, including funnel analysis and dashboard development to evaluate performance metrics.
- Performed internal feature analysis and competitor analysis to complete benchmarking for chatbot services.
- Identified gaps and managed end-to-end implementation of suggested product enhancements for internet call features

Infocomm Media Development Authority Feb 23 - Jul 23
Process Automation Intern

- Slashed manual processing time by deploying Robotic Process Automation (RPA) programs to optimise routine tasks.
- Cut verification time by coding web scraping programs that automated claimant status checks, driving efficiency and eliminating manual searches.

Defense Science and Technology Agency Mar 22 - Jul 22
Business | Software Engineer Intern

- Elevated NS eMart user experience through requirements gathering, storyboarding and Figma prototyping to streamline user journey.
- Configured federated XMPP servers with integrated map GUI to explore new communication avenues in military setting.

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Snapcart Global (Indonesia)
Business Development Intern

Sep 21 - Feb 22

- Automated sales tracking by implementing third-party solutions and streamlining business processes.
- Analyzed website traffic using Google Analytics to provide insights for boosting website performance
- Investigated lead generation strategies such as SEO to enhance customer acquisition.

PROJECTS

Reloop – Rental Management Platform

React Native, Node.js, REST APIs, Real-time Messaging, Notifications, AI Integration, UI/UX Design

- Built Reloop, a rental management app enabling users to list, browse, and rent goods.
- Integrated AI-generated item descriptions, real-time chat, customised chatbot services, and push notifications for updates.
- Designed and implemented scalable REST APIs and intuitive UI/UX workflows to support seamless rental management.

Event Pulse - Event Management Platform

React, Node.js, CSS, Material UI, Java EE

- Built Event Pulse, an event management platform designed to provide seamless event discovery and intuitive participation for attendees.
- Developed comprehensive event creation and attendee management tools to empower organisers with scheduling, tracking, and engagement features.

Airport Simulator – Backend System Simulation

Java EE, MySQL, NetBeans

- Designed and implemented a backend system to simulate airport operations, including user registration, aircraft creation, flight scheduling, and booking workflows.
- Developed using Java EE and MySQL in NetBeans, focusing on realistic simulation of airline booking processes.

CarParkPals - Carpark Locator Website

React, HTML, CSS, JavaScript, Leaflet, MySQL, Figma

- Built CarParkPals, a carpark locator website designed to provide users with cost-effective parking options near their destinations.
- Developed mapping integration with Leaflet to deliver tailored parking recommendations and real-time navigation.
- Enhanced user experience by enabling time- and cost-efficient parking decisions through seamless geolocation and recommendation features.