

# 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	
<ul style="list-style-type: none"><li>Managed Checkout and Payment Method Management pages, translating complex requirements into scalable UI flows covering fees, foreign charges, and risk checks.</li><li>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%.</li><li>Revamped cashier UI into a flexible, unified interface, reducing effort for custom changes.</li><li>Redesigned the Payment Method Management page with subscription management, improving usability and streamlining interactions.</li></ul>	
Shopee Pte Ltd - Regional Marketplace Operations	Dec 24 - Jun 25
Data Analyst   Product Management Intern	
<ul style="list-style-type: none"><li>Conducted post-launch impact assessments, including funnel analysis and dashboard development to evaluate performance metrics.</li><li>Performed internal feature analysis and competitor analysis to complete benchmarking for chatbot services.</li><li>Identified gaps and managed end-to-end implementation of suggested product enhancements for internet call features</li></ul>	
Infocomm Media Development Authority	Feb 23 - Jul 23
Process Automation Intern	
<ul style="list-style-type: none"><li>Slashed manual processing time by deploying Robotic Process Automation (RPA) programs to optimise routine tasks.</li><li>Cut verification time by coding web scraping programs that automated claimant status checks, driving efficiency and eliminating manual searches.</li></ul>	
Defense Science and Technology Agency	Mar 22 - Jul 22
Business   Software Engineer Intern	
<ul style="list-style-type: none"><li>Elevated NS eMart user experience through requirements gathering, storyboarding and Figma prototyping to streamline user journey.</li><li>Configured federated XMPP servers with integrated map GUI to explore new communication avenues in military setting.</li></ul>	

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Snapcart Global (Indonesia)

Sep 21 - Feb 22

### Business Development Intern

- 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.