Mobile: +65 8923 4703   **Email: Goh_Jing_Wen@outlook.com**

Goh Jing Wen

Fintech student passionate about creating user-centered products that solve real problems. Seeking internship opportunities to contribute to meaningful projects.

EDUCATION

Singapore Institute of Technology   Aug 2024 – Aug 2027
- Bachelor of Applied Computing (Specialisation in Fintech)
- Relevant Modules: Cloud Computing & Big Data | Software Engineering | Web Development | Fintech Investment and Risk Management | Database Systems | Data Engineering & Visualisation | Machine Learning

Temasek Polytechnic   Apr 2021 – Apr 2024
- Diploma in Business with specialisation in Banking and Finance
- Distinction Modules (Top 5% in cohort): Business Technology & Analytics | Business & Social Media Analytics | Financial Technology | Business Economics | E-Commerce and Digital Marketing

TECHNICAL SKILLS

Programming Languages & Development:
- **Languages:** Python, R, SQL, JavaScript
- **Python Libraries:** Pandas, NumPy, Matplotlib, Plotly, Requests, BeautifulSoup, Scikit-learn
- **Web Frameworks:** Streamlit, Flask, Dash, Next.js, React, Flask, FastAPI
- **Databases:** SQLite, MySQL, PostgreSQL, MongoDB, Firestore, Supabase

Data Science & Analytics:
- **Tools:** Excel (VBA/Macros), Tableau, Power BI, SPSS Modeller
- **Techniques:** Data Cleaning, Statistical Analysis, Predictive Modelling, Web Scraping, API Integration
- **Machine Learning:** Scikit-learn, HuggingFace, FinBERT, RAG pipelines, LangChain

Design & Multimedia:
- **UI/UX:** Figma, Adobe XD, Wireframing, Prototyping, Usability Testing

LANGUAGES

English (Fluent) | Mandarin Chinese (Proficient) | Thai (Proficient)

WORK EXPERIENCE

Financial Officer (Internship), IVICT | Mar 2023 – Jul 2023
- Mapped business process flows for trade finance operations (LC confirmations, documentary collections) through stakeholder interviews; documentation used as reference for building automation solutions
- Developed Excel VBA macros for cross-sheet data lookups and automated data cleaning, streamlining compliance tracking and reducing manual workload
- Processed export shipping documents, ensuring compliance with international trade regulations

PROJECTS

HDB Resale Price Predictor | Machine Learning & Web Application
- Developed ML web application to predict Singapore HDB resale prices using regression models
- Build interactive Streamlit interface allowing users to input property characteristics for price estimation
- Implemented data preprocessing and feature engineering for Singapore housing market data
- **Tech Stack:** Python, Streamlit, Scikit-learn, Pandas, NumPy
- **GitHub:** github.com/Hgowj/hdb-resale-price-predictor

Nüshu | Requirements Engineering & UI/UX Design
- Conducted stakeholder interviews to gather requirements for platform connecting women with flexible work opportunities
- Created user stories, use case diagrams, and requirements documentation following SDLC processes
- Designed wireframes and high-fidelity mockups in Figma based on user research insights
- **Tech Stack:** Figma, Requirements Documentation

Healthcare RAG Chatbot | Full-Stack Financial Platform
- Built retrieval-augmented generation chatbot for clinical decision support using LangChain
- Implemented document chunking, vector embeddings, and semantic search for clinical guidelines
- **Tech Stack:** Python, LangChain, Ollama, ChromaDB

Travel and Itinerary Planner Website | Web Development & UI/UX Design
- Designed and developed a comprehensive travel planning platform with user authentication, personalised recommendations, and itinerary management
- Created wireframes and high-fidelity mockups using Figma, focusing on user flows and responsiveness
- Implemented SQL database architecture for user profiles, destinations, and saved itineraries
- **Tech Stack:** HTML, CSS, JavaScript, PHP, SQL, Figma

CharityChain | Blockchain Web Application
- Built donation transparency platform on XRP Ledger enabling transaction-level tracking of charitable contributions
- Implemented wallet generation and real-time blockchain transaction verification
- **Tech Stack:** React, JavaScript, CSS, XRPL.js

AWARDS AND ACHIEVMENTS

2nd Place, UK-Singapore Universities Alliance for Entrepreneurship & Innovation Hackathon | 2025
- Awarded for medication management platform among 18 UK-Singapore University teams

Finalist, National Blood Dialogue Advocacy Challenge | 2025
- Selected for final campaign presentation and awarded conditional $3,000 Young ChangeMakers Grant

Temasek Foundation Sunburst Scholarship, Singapore Institute of Technology | 2024 - Current
- Awarded to students who have achieved good academic results; with good CCA involvement, and a record of community service

Temasek Polytechnic Scholarship, Temasek Polytechnic | 2021 – 2024
- Awarded to students ranked top 10% of their diploma; with good CCA involvement