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Goh Jing Wen

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Fintech student passionate about creating user-centered products that solve real problems. Combining data analytics and UI/UX design skills to develop accessible software solutions. 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
- Top 3 Distinction Modules: Business Technology & Analytics | Business & Social Media Analytics | Financial Technology

TECHNICAL SKILLS

Programming Languages & Development:
- **Languages:** Python, R, SQL, JavaScript, HTML/CSS
- **Python Libraries:** Pandas, NumPy, Matplotlib, Plotly, Requests, BeautifulSoup, Scikit-learn
- **Web Frameworks:** Streamlit, Flask, Dash
- **Databases:** SQLite, MySQL, PostgreSQL
- **Web Development:** Flask, React, RESTful APIs

Data Science & Analytics:
- **Tools:** Excel (VBA/Macros), Tableau, Power BI
- **Techniques:** Data Cleaning, Statistical Analysis, Predictive Modelling, Web Scraping, API Integration

Design & Multimedia:
- **UI/UX:** Figma, Adobe XD, Wireframing, Prototyping, Usability Testing
- **Creative Suite:** Adobe Premiere Pro, Lightroom, Photoshop

WORK EXPERIENCE

Financial Officer (Internship), IVICT | Mar 2023 – Jul 2023

- Worked with structured datasets to handle commercial documents for international trade, ensuring consistency and accuracy in financial records
- 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

SGX Stock Screening Dashabord | Financial Analytics & Investment Tools
- Created comprehensive stock screening dashboard for Singapore Exchange (SGX) listed companies
- Build interactive Streamlit application with financial ratio analysis and filtering capabilities
- Designed real-time visualisations for stock performance and fundamental analysis
- **Tech Stack:** Python, Streamlit, Pandas, Plotly, yfinance
- **GitHub:** github.com/Hgowj/sgx-stock-screener

Social Expenditure & GDP Data Dashboard | Data Analytics and Forecasting
- Collaborated in 4-person team to build analytics platform analysing Singapore's social spending trends
- Led data collection, cleaning and analysis from Singapore Open Data Portal APIs
- Processed and prepared datasets for integration with Dash frontend and Flask backend
- Implemented data preprocessing pipelines an exploratory data analysis for government expenditure patterns
- **Tech Stack:** Python, Pandas, NumPy, Matplotlib
- **Demo:** https://www.youtube.com/watch?v=1m8NNv4zCvM

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

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 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