Daniel Poh Ting Fong

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EDUCATION

Asia Pacific University (APU)   **Kuala Lumpur, Malaysia**
BSc (Hons) in Software Engineering   *Feb 2023 – Feb 2025*
- Key Modules: Data Structures, Computing Theory, Design Methods, Software Architecture & Testing, System Development Methods, Further Web Design & Development, Object Oriented Programming with Java, Requirements Engineering, Blockchain Development, Designing and Developing Applications on the Cloud, Programming for Data Analysis, Optimization & Deep Learning.

Asia Pacific University (APU)   **Kuala Lumpur, Malaysia**
Diploma in ICT with Specialism in Software Engineering   *Oct 2020 – Jan 2023*
- Key Modules: Python Programming, Java Programming, Web Development, Database Systems, System Analysis & Design, Numerical Methods, Introduction to Software Engineering, Introduction to Artificial Intelligence, Computer System Architectures, Networks and Networking, Information Systems, Digital Security & Forensic.

WORK EXPERIENCE

SPARK Internship Programme @ APU Corporate Training & Career Centre   **Kuala Lumpur, Malaysia**
Web Developer Intern   *Jan 2024 – May 2024*
- Assisted in frontend development of internal web applications & contributed to UI enhancements, responsive design, maintenance and optimization of the projects which improve user experience and performance.
- Conducted debugging and testing activities to identify and resolve technical issues during development sprints.
- Collaborated with development teams to implement new features and functionality, ensuring alignment with project objectives.

Pickles Asia Sdn Bhd (Pickles Auctions)   **Kuala Lumpur, Malaysia**
Software & Design Intern   *Oct 2022 – Jan 2023*
- Collaborated with the Product Manager on research and technical documentation using Confluence.
- Assisted in the design and development of mobile UI prototypes, contributing to the overall user experience.
- Managed and organized digital content using Strapi CMS for web application integration.
- Utilized Jira Software to track issues, manage sprints, and support agile project workflows.
- Gained hands-on experience setting up a local development environment to test and debug web applications.

PROJECTS

CarMine – Full Stack Car Marketplace Platform   **June 2024 – Jan 2025**
- Architected and developed a comprehensive car marketplace platform using Next.js, React, and Tailwind CSS, enabling secure peer-to-peer vehicle transactions.
- Implemented robust user authentication, profile management, and secure payment processing with escrow services for high-value automotive transactions.
- Built responsive, accessible UI components using shadcn/ui library, ensuring cross-device compatibility and optimal user experience for both buyers and sellers.

Stock Price Prediction Using Deep Learning with Google Colab   *Oct 2024 – Jan 2025*
- Developed a predictive model for S&P500 stock prices using deep learning techniques.
- Implemented Long Short-Term Memory (LSTM) and CNN models for time-series forecasting.
- Conducted Exploratory Data Analysis (EDA) to preprocess historical stock data and improve model accuracy.
- Evaluated model performance with Root Mean Squared Error (RMSE) and Mean Squared Error (MSE) metrics.
- Utilized Python, TensorFlow/Keras, Pandas, NumPy, Matplotlib, and Scikit-learn for model development and analysis.

EXTRACURRICULAR & ACADEMIC ACTIVITIES

Solana Hackfest Hackathon   **Kuala Lumpur, Malaysia**
Participant   *Apr 2024*
- Led & collaborated in a team to conceptualize and pitch a blockchain-based game project called SolSummoner.
- Designed the application architecture and wireframes to outline the user experience and system functionality.
- Developed a presentation slide deck to effectively convey the project's vision and technical feasibility.
- Managed social media accounts on platforms such as X (Twitter), Instagram, and YouTube to promote the project.

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, PHP, Python, Java, C#, C++, TypeScript, R, Visual Basic.
- **Frameworks & Libraries:** React, Next.js, Express.js, CodeIgniter, Tailwind CSS, Bootstrap, jQuery.
- **Databases:** MySQL, PostgreSQL, MongoDB, Supabase.
- **Tools & Applications:** SQL Server (SSMS), XAMPP, WAMP, Visual Studio Code, Visual Studio, Postman, PyCharm, NetBeans, Git, Cisco Packet Tracer, MS Office Suite, Figma, Draw.io, Lucidchart, Canvas, Jira, Confluence, Strapi CMS.
- **Languages:** English (Fluent), Mandarin (Native), Malay (Intermediate)
- **Certificates, Awards & Achievements:** Postman API Fundamentals Student Expert, Next.js Workshop, Solana Hackfest Hackathon, Cisco CCNAv7:Introduction to Networks, ABOH CTF 2023, APU x BAT CTF 2023, ICTF 2024, Other Local/International CTF Events.