FUNG, Ho Sang (Raymond)

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EDUCATION

University of Hong Kong BEng(Computer Science)   **Sept 2021 – June 2025**
- On track for Upper Second-Class (2:1) Honours; Studied in University of Leeds (UK) from 2024 Jan – 2024 May under HKU Worldwide Exchange Programme - receiving scholarships of HK$12000; HKU Student Ambassador

INTERNSHIP EXPERIENCE

Jebsen Group (捷成集團) Intern (Enterprise Architecture & Integration Team)   **June 2024 – Aug 2024**
- Analyst Programming: Developed System Integration solutions in 10+ projects; Projects with high contributions:
  1. eShop adoption of 3 Pet Shops across systems incl. Shopify, OMS, Postgres, Oracle ERP, WMS, POS; with extensive use of Java Spring Boot (RestController, JPA, lombok), Shopify API, JavaScript, Postman
  2. China eVAT financial data transformation; Map Oracle ERP data to vendor system using MapStruct
- CI/CD: Developed new Business Logic for 10 existing systems / cron jobs to adapt to eCommerce flow changes
- Automation: Individually Designed & Developed script to extract 6500+ Shopify product metadata by graphql and pagination & performed data mapping to Oracle SKU data; Shortening required time from days to minutes
- Full-stack Dev: Individually Developed a Company Application CRUD system with React.js front-end, MSAL Azure SSO, REST API (axios) connection with Java Spring Boot back-end that connects to Postgres DB via JPA
- Testing: Designed & Performed 300+ test cases of Software Integration Test; Conducted QA Test & UAT
- Documentation: Documented tech spec, functional spec with sequence diagrams of complex system architecture
- Research: Conduct feasibility research on GenAI (M365 Copilot) in system integration with Salesforce CRM

Water Cube Technology Company Limited Technical Assistant Intern   **June 2022 – Aug 2022**
- Designed the UI/UX of 200+ web pages of the admin & user end ERP system of an elderly home with Figma
- Worked with coding team to develop functional prototypes of website and app for an E-wallet payment gateway
- Agile Development: Participate in client meeting to gather new requirements; Present prototypes for feedbacks

NOTABLE PROJECT

HomeSMART Smart Home System built for persons with disabilities - *youtu.be/C4ZEnElYgm8*   **Nov 2021**
- Enabled persons with disabilities to control home appliances via voice recognition and custom-built mobile app. Implemented proximity detection for automatic doors. Developed mobile app using MIT AI2, built a custom API for seamless communication with the arduino system.; A commitment to accessibility and empowerment.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certificates:**
  Cloud DevOps/AI: *Oracle Certified: Oracle Cloud Infrastructure 2024 Foundations Associate* / *OCI AI*
  Software Dev: *HackerRank Software Engineer Certificate* / *HKDSE Info and Comm Technology 5***
  Interest in Equity Research, Financial Markets and Investment: *Bloomberg Market Concepts Certificate*
- **Skills:**
  Extensive Experience:
  Coding (Python, Java, Java Spring Boot, JS, C/C++, Lua); API Dev (REST API, Postman, GraphQL);
  Web Dev (HTML, CSS, jQuery/AJAX, Flask, PHP, MERN stack - MongoDB, Express.js, React.js, Node.js);
  Database (PostgreSQL, MySQL, Oracle); Python ML Libraries(beautifulsoup, pandas, numpy, tensorflow);
  Modeling (Sequence/UML/ER diagrams, Draw.io); MS Office(advanced Excel); Synology NAS set-up;
  Solid Experience:
  App Dev (Flutter/Dart); CI/CD (GitHub, Jenkins, Kubernetes); .NET C#; Shell Script; Apache Maven
  Languages:
  Native Cantonese; Bilingual Native Mandarin Chinese; Highly Proficient English - **IELTS Academic 8.0**
- **Interests:** Back-end Dev; Cloud Computing; Computer Hardware; Investing; Travelling; Video Editing;