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| [cdfelixj.netlify.app](https://cdfelixj.netlify.app/) | [github.com/cdfelixj](https://github.com/cdfelixj) | [linkedin.com/in/jfelixpangestu/](https://www.linkedin.com/in/jfelixpangestu/) | |
| Flat A5, 2/F Yick Cheong Bld, 1046 King’s Road, Quarry Bay, Hong Kong | |
| **EDUCATION** | | | | |
| **Hong Kong Baptist University | Faculty of Science** | | | | **Hong Kong, CN** |
| **BSc, Business Computing & Data Analytics | First Class Honors | cGPA: 3.8/4.0** | | | **September 2022 – June 2026** |
| * Student Ambassador, Cultural Ambassador, Peer Mentor, Science Career Mentee | | | |
| **Semester abroad at Nanyang Technological University, Singapore (August 2024 – December 2024), Fung Scholarship** | | | |
| **Coursework: Data Structures & Algorithms, Software Engineering, Natural Language Processing, Data Visualization** | | | |
| **RELEVANT EXPERIENCE** | | | | |
| **Wizpresso** | | | | **Hong Kong** |
| **Software Engineer Intern** | | | **June 2024 – Aug 2024** |
| * Developed **15** new features and optimized **10** existing ones using the Svelte framework. Improving portal speed by **20%**, leading to an increase in user engagement and a **20%** reduction in load times. * Refactored the user management portal by transitioning from a SvelteKit and Prisma stack to an ASP.NET backend, improving performance, scalability, and maintainability of the system. * Integrated a user admin console with an existing user management server, significantly enhancing user management components to streamline operations and improve user experience for both clients and internal stakeholders. | | | |
| **Hong Kong Baptist University** | | | | **Hong Kong** |
| **Research Assistant** | | | **January 2024 - Present** |
| * Conducted research and finetuning of OpenAI's model through LangChain to analyze earnings **20,000** call transcripts and conferences, significantly enhancing its capabilities in classification and sentiment analysis. * Authored detailed documentation on research progress regarding the efficacy of using LLM models to process corporate financial statements. | | | |
| **Admazes** | | | | **Hong Kong** |
| **Software Engineer Intern** | | | **December 2023 - January 2024** |
| * Enhanced a Local Large Language Model using LangChain, HuggingFace, and Streamlit, improving response accuracy by **25%** through better semantic understanding and advanced search capabilities with the RAG approach. * Analyzed datasets with Google BigQuery, optimizing data retrieval by **30%** and generating insights with **100+** complex SQL queries, leading to a **20%** boost in operational efficiency. | | | |
| **Markworth** | | | | **Hong Kong** |
| **Product Management Intern** | | | **May 2023 – August 2023** |
| Supported the full product development lifecycle by conducting market research, creating requirements docs, developing prototypes, tracking metrics, and working cross-functionally with departments like accounting, marketing, and HR.  Selected Project Experience   * Customized over **20** modules in Odoo for an IT Retail company extending customer retention inventory and accounting features, reducing manual efforts by at least **45%**. * Integrated and developed websites with Odoo’s backend ERP system to pull product catalogs, service listings, project details and events dynamically. | | | |
| **SELECTED PROJECTS** | | | | |
| [**MealMatch, A web platform designed to connect food bank donors with beneficiaries in need (ReactJS, Firebase, Leaflet.js)**](https://github.com/Joentze/CodeToGive-Team9/tree/main) | | | | |
| * Streamlined onboarding for small and large-scale donors, enabling food donations through the platform. * Computed matching logic with the Hungarian Algorithm, which efficiently optimizes matching based on needs. | | | |
| [**Budgeting App, Full-stack app for tracking income, expenses, and savings goals (Next.js, REST API w/ Firebase)**](https://github.com/cdfelixj/budget-app) | | | | |
| * Implemented user authentication, secure data storage, and real-time updates using Firebase w/ CRUD. * Integrated Chart.js for dynamic data visualization, creating interactive charts and insights. | | | |
| [**Profile Bot, chatbot supplied personal data (Python, API Integration, Local LLM embeddings, Web scraping)**](https://github.com/cdfelixj/personalBot) | | | | |
| * Created a personalized chatbot that can intelligently inquire about professional experience, skills, and background information by scraping data from my LinkedIn profile demonstrated through Streamlit. | | | |
| **EXTRACURRICULARS** | | | | |
| **The Hongkong and Shanghai Banking Corporation Limited** | | | | **United Kingdom** |
| **International Innovation Graduate Project Hackathon | Finalist** | | | **May 2023 – August 2023** |
| * Managed a team to conceptualize and build a proof-of-concept for a machine learning-based stress testing software within **12** weeks, referencing Jmeter and Locust. | | | |
| **CERTIFICATIONS, SKILLS & INTERESTS** | | | | |
| Languages: | | Java, Python, C#, SQL, R, HTML, CSS, JavaScript, TypeScript | | |
| Libraries &  Frameworks: | | Tailwind CSS, Bootstrap, ReactJS, Svelte, NextJS, Streamlit | ASP.NET, Express.js, Flask, MongoDB, BigQuery, MySQL| Pandas, Matplotlib, Seaborn, LangChain | | |
| General: | | Blender, Odoo, Adobe Photoshop, Tableau, Microsoft 365, Client Services | | |
| Certifications: | | Google Data Analytics, KPMG Data Analytics | | |
| Interests: | | Software Development, Powerlifting (1058lbs Total), Rugby (Varsity Team), R&B Music | | |