|  |  |  |
| --- | --- | --- |
| **Felix Pangestu** | +852 94381766 | [cd.felixj@gmail.com](mailto:cd.felixj@gmail.com) | Quarry Bay, Hong Kong | |
| [cdfelixj.netlify.app](https://cdfelixj.netlify.app/) | [github.com/cdfelixj](https://github.com/cdfelixj) | [linkedin.com/in/jfelixpangestu/](https://www.linkedin.com/in/jfelixpangestu/) | |
| **SKILLS** | | |
| **Languages:** Java, Python, C#, SQL, R, HTML, CSS, JavaScript, TypeScript  **Frameworks:** Bootstrap, ReactJS, Svelte, NextJS, MaterialUI, Streamlit, Tailwind CSS | ASP.NET, Express.js, Flask, MongoDB, BigQuery, MySQL| Pandas, Matplotlib, Seaborn, LangChain  **Software/Certifications:** Tableau, Blender, Odoo, Adobe Photoshop, Microsoft 365, Google/KPMG Data Analytics | | |
| **RELEVANT EXPERIENCE** | | |
| **Software Engineer Intern** | Wizpresso | | **June 2024 - August 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 a user management portal by transitioning it from a **SvelteKit** and **Prisma** stack to an **ASP.NET** backend, improving performance, scalability, and maintainability of the system. * Implemented a secure authentication and authorization system using **OAuth 2.0** and **JSON Web Tokens**, ensuring the protection of sensitive user data and meeting strict compliance requirements for a financial services app. * Established AWS Database Migration Service (**DMS**) to synchronize a local **SQL** database with **Amazon RDS**, enabling continuous data replication and ensuring minimal downtime during the migration process. * Collaborated effectively with cross-functional teams utilizing **agile methodologies** and **Jira** to enhance project delivery and responsiveness to change. | | |
| **Research Assistant** | Hong Kong Baptist University | | **January 2024 – August 2024** |
| * Conducted research and finetuning of a **Large Language 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 **Large Language Models** to process corporate financial statements. | | |
| **Software Engineer Intern** |Admazes | | **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. | | |
| **Product Management Intern** |Markworth | | **May 2023 - August 2023** |
| * 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. * Supported the full product development lifecycle by conducting market research, creating requirements docs, developing prototypes, tracking metrics, and working cross-functionally with multiple departments. | | |
| **SELECTED PROJECTS** | | |
| [**MealMatch, 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, LangChain, 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**. | | |
| **EDUCATION** | | |
| **Hong Kong Baptist University** | | **September 2022 - June 2026** |
| Bachelor of Science (Hons) in Business Computing & Data Analytics | First Class Honours | | **Cumulative GPA: 3.8/4.0** |
| * HSBC’s IGP Hackathon Finalist, HKUFP Finalist, Student/Cultural Ambassador, Peer Mentor, Outstanding Student Scholarship | | |
| **Nanyang Technological University Fall Semester Exchange (August 2024 – December 2024), Fung Scholarship** | | |
| **INTERESTS** | | |
| Powerlifting (1058lbs Total), Rugby (Varsity Team), Poker, R&B Music | | |

x