Ming Wa (Tony), Lai

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Skills

- Proficient in programming languages including Python and Java
- Experienced with SQL, relational databases, and big data technologies
- Skilled in debugging, analysis, algorithms, and data structures
- Excels in simplifying complex problems and data-driven decision making

Work Experience

Software Engineer│ Freelance │Remote   **July 2021 – Present**

- Develop and implement custom solutions using **data structures** and **algorithms** to enhance **decision-making predictions** for users
- Design and build innovative technologies using **JavaScript**, **SQL**, **PowerBI** and **Python** to improve data analysis and **visualization** efficiency and effectiveness

E-Commerce Specialist │ Kita Trading Limited │Vancouver, BC   **May 2022 – Sept 2023**

- Collaborated in a dynamic team to build a **Java-based** inventory system integrated with **MySQL**, **optimizing** inventory management
- Implemented Python and Beautiful Soup for **data scraping**, ensuring accurate product information and achieving an 800% sales increase in four months

Customer Experience Associate │ TD Bank │Richmond, BC   **Mar 2022 – May 2023**

- Achieved and surpassed sales Key Performance Indicators (**KPIs**) by an outstanding 700%, ranking in top 3% within Pacific region
- Used strong **interpersonal skills** and business acumen to understand customer needs, achieving 100% customer service satisfaction rate

Project Highlights

ETH Trading Strategy Analysis ⭕ Github link

- Backtested strategy on ETH using **Python, Binance API** and **Glassnode API**, including **regression**, **optimization** and **visualization**

ExplainPedia ⭕ Github link

- Developed search engine using **OpenAI API**, **JavaScript**, **Node.js**, **SQL** and **React**, generating responses for various user needs

Gratitude Journal Ⓓ Devpost link

- Developed web app built with **HTML**, **CSS**, **JavaScript** and **Firebase** during 12-hour **hackathon** to promote well-being

Education

Dip.in Computer Systems Technology │ BCIT │Vancouver, BC   **To be completed by May 2025**

B.Ed in Sports Science and PE │ CUHK │ShaTin, Hong Kong   **Sept 2012 – Nov 2017**

Certifications

IBM Data Analyst Professional Certificate   **Dec 2021**

Microsoft Azure Fundamentals Professional Certificate   **Nov 2021**