

Ming Wa (Tony), Lai

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Skills

- Collaborated with teams to design, build, and deploy high-quality software solutions
- Skilled in Java, Python, JavaScript, SQL, and MongoDB for scalable application development
- Strong problem-solving skills and adaptability in fast-paced, dynamic work environments
- Effective communicator, bridging technical concepts with stakeholders for successful collaboration

Work Experience

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

- Develop responsive web applications using **HTML**, **CSS**, and **Next.js**, leveraging **Git** for version control, and demonstrating strong problem-solving abilities
- Design and build innovative technologies using **Java**, **SQL**, **PowerBI** and **Python** to improve data analysis and **visualization** efficiency and effectiveness

E-Commerce Specialist | Kita Trading Limited | Vancouver, BC **May 2022 – Sep 2023**

- Collaborated in a dynamic team to build an 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

SmartEnrol [Github link](#)

- Building an activity management web app using **Next.js**, featuring secure authentication, role-based access controls, and robust MongoDB integration.

Automated Testing Framework for ReciPT [Github link](#)

- Developed an automated testing framework for the ReciPT web app using **Selenium** WebDriver, **JUnit**, **Maven**, and **Jenkins**, enabling efficient test automation and continuous integration

ReciPT [Github link](#)

- Used **OpenAI API** for a chatbot function and **Clarifai's image recognition API** to analyze the contents of your refrigerator and pantry, then provide personalized recipe suggestions

Education

Computer Systems Technology | BCIT | Vancouver, BC **To be completed by May 2025**

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

Certifications

IBM Data Analyst Professional Certificate **Dec 2021**

MicroMaster of Data Science with Python **Jul 2021**