

EDMOND WONG

Toronto, ON | (289) 623-3303 | edwong303@gmail.com | LinkedIn: [edwong303](#)

SKILLS

Frontends: TypeScript, React, React Native, Angular
Databases: PostgreSQL, Oracle DB, MongoDB, Weaviate DB

Backends: Python, Spring, Express, C#
Others: Docker, AWS, Kafka, Git, Jira, Scrum, Figma

PROFESSIONAL EXPERIENCE

AI Innovation Specialist

April 2024 - August 2024

Trilogy / Texas

Engineered advanced AI-powered tools to streamline business processes, enhance decision-making, and improve efficiency across various departments.

- Developed a Product Hub featuring an AI-driven Product Vision and Features Generator, achieving a 9/10 quality score for outputs through self-iterative processes and comprehensive data collection from official sources.
- Implemented a CEO Assistant tool using Python and Zapier, leveraging Weaviate Vector database and Claude 3.5 Sonnet AI to synthesize information from meetings, conversations, and documents, enhancing executive decision-making capabilities.
- Pioneered a self-iterative AI program to ensure high accuracy and proper formatting of AI-generated outputs, maintaining consistency across various AI applications.

Full Stack Developer | Internship

October 2023 - December 2023

Semper8 / Toronto

Researched and designed modern technologies for a multifaceted company with diverse interests in financial, media and health sectors

- Developed a video chat web application using React and WebRTC, incorporating real-time transcription, which improved accessibility.
- Designed and optimized a REST API leveraging OpenAI Whisper for speech-to-text conversion, reducing transcription errors by 25%.
- Provided expertise in UI/UX design and full-stack development, leading to a 20% increase in user satisfaction based on feedback.
- Conducted in-depth analysis to identify opportunities for integrating artificial intelligence, resulting in a 15% boost in project efficiency.

Analyst Programmer

January 2021 - May 2022

Advanced Integration Systems / Hong Kong

Developed 4 new features and researched new technologies for the largest retail pharmacy chain store in Hong Kong

- Enhanced image search by 15% in efficiency and 20% in accuracy using Google Vision, Angular, and RxJs, leading to a 10% increase in customer satisfaction.
 - Streamlined processes by implementing Google Natural Language AI for tag extraction from a product catalog of over 2,000 items, improving inventory management accuracy by 30%.
 - Increased data throughput efficiency by 30% by developing a Kafka connector with Docker, resulting in a 40% reduction in data processing time.
- Revamped and enhanced the drug procurement process, creating seamless integration between the inventory management system and ERP for a healthcare client
- Revamped Oracle VIEWS, reducing execution time by 90%, significantly improving the performance of the inventory management system.
 - Collaborated on Extjs components, increasing development efficiency by 25% and improving code maintainability.
 - Improved procurement processes by creating efficient queries that saved the company approximately 100 man-hours per month.

Software Engineer

September 2018 - December 2020

PortalVision / Hong Kong

Implemented and enhanced 5+ content management systems for social service sectors and elderly centers

- Enhanced data fetching performance by over 50% through T-SQL query analysis, reducing average data retrieval time by 2 seconds.
- Led code review initiatives and established coding standards, improving the team's code quality and reducing bugs by 30%.
- Mentored two junior team members, supporting their professional growth and contributing to a 15% increase in team productivity.

PROJECTS

Gaming Platform Integration

Enhanced a gaming platform by adding features such as translation to improve user experience and expand gameplay options.

- Integrated games from multiple platforms using REST APIs, enhancing functionality, and ensuring seamless interoperability.
- Developed and maintained a responsive website utilizing React and Ant Design, delivering an engaging and user-friendly experience, increasing user retention by 20%.
- Revamped SQL queries to native queries, improving readability and reducing errors by 15%.

EDUCATION

Mobile Application Development and Strategy Postgraduate Program

December 2023

George Brown College, Toronto, ON

Bachelor of Engineering – Computer Science with Minor in Statistics

December 2018

The University of Hong Kong, Hong Kong