

John(Chun-Han) Lee
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Profile:

Technical Skills:

- Programming languages: C#, Python, Java, HTML5, CSS, JavaScript, Dart, SQL, TypeScript
- Databases: LINQ, Entity Framework Core, MySQL, SQLPlus, SQLite3, Vector Databases, PostgreSQL Database, Oracle Database
- Tools & Platforms: Visual Studio, Visual Studio Code, LINQPad, Git/Github, Docker, Magento, IntelliJ IDEA, SQL Server Management Studio (SSMS)
- Development Frameworks: React, Node.js, Django, Flask, Blazor, Flutter, FastAPI, .NET8, LangChain
- Testing Frameworks: Pytest, JUnit, Jest, Selenium
- AI: Vertex AI, Python-based AI Development, Custom ChatGPT, Text Embeddings
- Cloud & Virtualization: Render, VMware, Supabase, Firebase, Vercel, Netlify, Pinecone, Neo4j
- APIs: REST APIs, OpenAI API, Google Cloud API
- Collaboration Tools: Slack, Microsoft Office, Microsoft Teams, Figma, Jira

Project:

Capstone Project – Event Participant Matching Web Application

- Implemented hot swappable AI models to group event attendees based on professional backgrounds and interests, integrating free form input with AI data parsing for structured database storage.
- Developed a full-stack system solution using Python, FastAPI, PostgreSQL, and Next.js for seamless user interactions.
- Developed and implemented the AI chatbot for user information retrieval and query.

AI Receipt Tracking System

- Built a CustomGPT tool with FastAPI & Supabase for Costco receipt tracking, handling 50+ daily user inputs.

AI Book Interpretation & Translation Assistant

- Built a CustomGPT trained on a Mandarin health book to provide English-translated health insights using semantic search.

Education:

Digital Media & IT Diploma, Computer Software Development (*April 2025*)

Dean's Honor Roll (4.0 GPA)

NAIT, Edmonton, AB, Canada

Bachelor of Science, Computer Science (Major), Business (Minor) (*September 2015*)

University of Alberta, Edmonton, AB, Canada

Employment Experience:

Data Solutions Developer (Contract Position)

Pontem Innovations, Edmonton, Alberta, Canada

June 2024 – December 2024

- Developed templates for ABBYY FlexiCapture OCR tool.
- Implemented a portal using Python, Flask, and Django to create and edit budget forms, improving user experience and form management capabilities.

Associate Realtor

YEGPro Realty, Edmonton, Alberta, Canada

October 2019 – September 2023

- Effectively communicated with clients, colleagues, and stakeholder through phone, email and social media platforms, ensuring timely and accurate information exchange.
- Arranged and managed over 100 showing, resulting in a high customer satisfaction and retention rate.

Manager

J.E.L. Renovations., Edmonton, Alberta, Canada

May 2018 – January 2023

- Learned business management and communication skills through servicing over 20 clients.
- Effectively managed time to meet strict deadlines for over 50+ project, ensuring quality completion and adherence to budget.
- Attention to detail to deliver high-quality renovation services, such as painting, flooring, carpentry, window replacements, kitchen remodeling, basement remodeling.

Software Programmer

RF King Source Inc., Taoyuan, Taiwan

January 2018 – June 2018

- Familiarized with the e-commerce platform Magento and Docker tool, using them to develop and deploy an e-commerce website.
- Adapted to fast-paced environment with evolving requirements, delivering high-quality code that met the requirements and expectations of stakeholders.
- Acquired critical time management and detail-oriented skills, catching and fixing 90% of the bugs in the code base.

Software Programmer

WATICS Global Corporation., Taipei, Taiwan

May 2016 – August 2016

- Developed websites, web applications in React, HTML, and Node.js, resulting in a 50% increase in user traffic.
- Developed strong team communication through collaborating with HR, Sales, Back End developers, and UI/UX teams, ensuring smooth and efficient workflow and delivery.