

Evan Li

Toronto, ON

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EDUCATION

McMaster University

Bachelor of Applied Science (BASc), Honours Computer Science Co-op, CGPA 3.8

September 2021 - April 2026

Hamilton, Canada

WORK EXPERIENCE

Software Engineer Intern

May 2025 - August 2025

Travelers Canada

Toronto, Canada

- Developed an **AI code review system** with Amazon Bedrock integrated into GitHub Actions, improving code review efficiency by **50%**.
- Built an **AI email assistant** with Amazon Bedrock Data Automation to extract broker information from attachments and create new policies via the Policy Center API, saving **5 hours/week** of manual work.
- Automated PR checklist validation with Python scripts integrated into GitHub Actions pipelines, reducing manual verification time by **10 minutes per PR**.
- Enhanced a Java smoke test project by integrating **BDD Cucumber**, strengthening coverage and reliability.

Software Engineer Intern

January 2024 - December 2024

Ontario Power Generation

Bowmanville, Canada

- Developed a full-stack **Operation Dashboard** (Angular and ASP.NET) to visualize nuclear operational KPIs, action requests, training schedules, etc., cutting data retrieval **from 10 minutes to instant**.
- Created a FIN Backlog Scheduling Calendar tool using Angular, replaced the legacy Power App and achieved cost savings of **over \$1M**.
- Designed and implemented a new database schema and infrastructure for the Crew Learning Store system using MSSQL. Established new applications and procedures for Crew Learning Report utilizing Angular, adopted by **50+ employees daily**.
- Automated the emergency equipment check process with a Python-based solution that utilized Pandas and Openpyxl for data comparison and Tkinter for UI, reduced data processing time **from 2 hours to 2 minutes**.
- Implemented CI/CD pipelines using Azure DevOps, automated the build and deployment processes to production environments, saved **3+ SWE hours per week**.

Software Engineer Intern

July 2023 - August 2023

AXSource

Oakville, Canada

- Built a multi-platform chatbot with MS Power Virtual Agent and Teams, automating ERP tasks and improving efficiency by **30%**; automated invoice transfer, customer creation, and purchase order workflows in D365 using Power Automate and Azure's Computer Vision APIs.

PROJECTS

LLM-based Intelligent Tutor | React, TypeScript, Python, GPT-4, Cohere AI, LangChain, Chroma, AWS

- Architected an LLM-based AI tutor for course Q&A and mock exam generation using Cohere + LangChain.
- Integrated AWS S3 and Chroma vector DB for scalable storage and fast retrieval.

Healthy Planet Fitness | TypeScript, Next.js, Medusa.js, Tailwind, PostgreSQL, AWS S3, Algolia, SendGrid

- Developed a full-stack e-commerce platform with real-time product search and payment integration (Alipay, WeChat Pay).
- Integrated AWS S3 for scalable product image storage, PostgreSQL for scalable textual data management, and implemented Algolia to deliver high-performance, real-time product search.
- Configured SendGrid for automated customer notifications, including order confirmations and registration emails.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Java, Python, C#, SQL, Gosu

Frameworks: Angular, React, Next.js, Medusa.js, Spring Boot, ASP.NET, Cucumber, SOAP, Power Apps, Power BI

Developer Tools: Git, AWS, Azure Cloud, MSSQL, PostgreSQL, Maven/Gradle

Libraries: OpenAI API, Amazon Bedrock, Tailwind, PrimeNG, Material UI, Chart.js, Pandas, Openpyxl

Software: Guidewire PolicyCenter

Certificates: Microsoft Certified Azure AI Engineer Associate ([link](#)), Dynamics 365 Fundamentals (ERP) ([link](#)), AWS Cloud Practitioner Essentials ([link](#)), Machine Learning Specialization ([link](#))