

Toronto, ON
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Education

Toronto, ON	University of Toronto	Sep 2022 – Jun 2026
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HBSc, Computer Science Specialist (Co-op) - Entrepreneurship Stream

Summary of Skills

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- Strong understanding of fullstack web development through use of HTML, CSS, Javascript/Typescript, React, Angular CLI, Node.js, Express.js and SQL to develop comprehensive web applications.
 - Expertise in applying Object-Oriented Programming principles in Typescript, Python and Java, gained through work experience, academic coursework and personal projects.
 - Extensive familiarity with Python developed by administrating a python service while on work term.
 - Proficient in both relational and NoSQL databases gained whilst building REST APIs to perform back-end operations at scale.
 - Extensive experience utilizing Git and GitHub, developed via work alongside 15 other engineers.
 - Strong communication skills and ability to quickly learn new technologies formed through experience in fast-moving startups.
 - Experience in writing efficient, low-level code in languages such as C and Rust.

Experience

Software Engineer Full Time Remote	Venho.AI	Sept 2024 – Present
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- Developed an adaptive AI agent frontend application that integrates with third-party services such as Gmail, enabling users to access these services directly through an interactive chat interface.
- Architected a dynamic semantic analysis engine that analyzes natural language user input and generates a sequence of actionable AI tasks.
- Built a real time frontend application that effectively combines streamed AI responses with guided user flows, enabling users to seamlessly share working contexts between tasks in an environment that anticipates their needs.

AI Developer Full Time Remote	AirImpact	Jan 2024 – April 2024
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- Took charge of the company Python service, redesigning infrastructure from the ground-up to improve readability, enforce modularity and promote maintainability using relevant design patterns, resulting in vastly improved code efficiency, quality, and cost-effectiveness.
- Architected and executed a company migration from the OpenAI API to utilizing open-source Large Language Models in AWS, vastly improving data privacy for company clients.
- Overhauled existing company document processing capabilities to enable robust parsing of tables, images and graphs in client documents.

Scholarships and Awards

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| • Young Entrepreneur Scholarship Award
Highly selective scholarship awarded for outstanding entrepreneurial and business potential. | Mar 2024 |
| • University of Toronto Scholar - Scholarship
Entrance scholarship on the basis of academic excellence. | Sep 2022 |
| • ESF Chairman's Award for Leadership - Award
Awarded on the basis of outstanding leadership contributions in the school community. | Aug 2022 |
| • ESF Chairman's Award for Excellence - Award
Awarded on the basis of outstanding academic performance in the IBDP. | Aug 2022 |