

Huda Halani

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EDUCATION

University of Toronto

Bachelor of Applied Science in Computer Engineering

Toronto, Ontario

Sep. 2023 – April 2027

Relevant Coursework

Computer Fundamentals (C), Programming Fundamentals (C++, OOP), Digital Systems (FPGA, Verilog), Electrical Fundamentals, Engineering Strategies and Practices (AutoCAD)

EXPERIENCE

Headstarter AI

June 2024 – August 2024

Hybrid

Toronto

- Built and published a personal website using HTML to present my projects.
- Using AI, created several projects (university aid chatbot, rate my professor, and flashcard maker) with over a hundred users
- Created a basic pantry list using Next.js and Firebase, and deployed with Vercel

Programmer and Circuit Builder

January 2024 – April 2024

University of Toronto - Programming and Electrical Fundamentals

Toronto

- Coded the game 'Reversi' which is a two-player game in which players place tiles on the board to capture the opponent's pieces until the board is fully occupied
- Created a word search program in which the user entered the puzzle and the word and it would return the position of the word
- Participated in various hands-on labs that enhanced my practical understanding of electrical and computer engineering principles

Project Manager

September 2023 – January 2024

University of Toronto - Engineering Strategies and Practices

Toronto

- Tasked with developing a solution to corroding parking blocks
- Utilizing Fusion 360, designed and tested a prototype that met the client's specific requirements
- Ensured everyone remained on track and aligned with project objectives, honed my teamwork, responsibility, organization, and leadership skills

PROJECTS

University Information AI Chat bot | *JavaScript, OpenAI, React, Material-UI*

July 2024

- Using Gemini AI, developed an Ontario Universities Information chatbot to aid high school students in choosing a university by answering questions and providing information

AI Flashcard Maker | *JavaScript, OpenAI, React, Firebase, Clerk, Stripe*

August 2024

- Developed an AI software that receives information from the user and generates flashcards accordingly.

Rate My Professor AI | *JavaScript, OpenAI, React, Firebase, Clerk, Stripe*

August 2024

- Created an AI that generates ratings for professors

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, JavaScript

Frameworks: React, Node.js, Material-UI

Developer Tools: Git, VS Code, Visual Studio, MatLab

Technology: OpenAI, DNS, GCP, Vercel, Clerk, Stripe, Firebase