Huda Halani

E-mail | LinkedIn | Github

EDUCATION

University of Toronto   Toronto, Ontario
Bachelor of Applied Science in Computer Engineering   *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