

HUSSEIN KHALIL

📍 Toronto, ON | ✉ husseinhkk@hotmail.com | 🔗 linkedin.com/in/Hussein-Khalil

EDUCATION

University of Toronto — Honours BSc in Computer Science

Expected Graduation: June 2026

- Relevant Coursework: Data Structures & Algorithms, Software Design, Web Development (JavaScript/Python), Databases (SQL)
- Projects: Built a task management app (React/Node.js)

EXPERIENCE

Research Assistant – University of Toronto

Apr 2024 – Sep 2024

- Developed a real-time weather data dashboard using Python (Pandas, Flask) and JavaScript (Chart.js), processing 10,000+ data points from OpenWeatherMap API.
- Designed and deployed a RESTful Flask API to enable dynamic filtering (date, temperature, humidity).
- Created interactive visualizations (line/bar charts) for climate trends, used by 50+ students/researchers for data analysis.
- Tools: Git, Pandas (data cleaning), Chart.js (frontend rendering), Flask (backend logic)

PROJECTS

Task Manager App | React, Node.js

- Built a full-stack app with user authentication, drag-and-drop task sorting, and real-time updates.

TECHNICAL SKILLS

- Languages: Python, JavaScript, React.js, SQL, HTML/CSS
- Frameworks/Libraries: React.js, Node.js, Express, Flask, Pandas, Chart.js
- Tools: Git/GitHub, REST APIs, VS Code
- Soft Skills: Problem-solving, teamwork, technical writing