

Ali Akbar

647-819-6234 | akba5650@mylaurier.ca | www.linkedin.com/in/ali-akbar132 | www.github.com/Ali-A132

EDUCATION

Wilfrid Laurier University

Honours Bachelor of Science, Computer Science (BSc)

Sept. 2021 – Apr. 2025

Waterloo, Ontario

EXPERIENCE

Lab Teaching Assistant

Wilfrid Laurier University

Jan. 2023 - Present

Waterloo, Ontario

- Provided computer science students with assistance to understand and implement various data structures such as Stacks, Queues, Binary Search Trees and more.
- Supervised 30+ students during labs and troubleshoot issues they are having with the IDE, the configuration or programming language, developed a strong attention to detail and problem solving.

Barista

Tim Hortons

Apr. 2022 - Sept. 2022

Mississauga, Ontario

- Worked in a fast-paced environment as front of house and kitchen and followed operating procedure accurately.
- Trained new employees and managed customer complaints to ensure an overall positive customer experience.
- Identified customers needs by observing consumers, collecting surveys, and analyzing customer feedback.

EXTRACURRICULARS

AV Technician and Video Editor

Laurier Computing Society

Oct. 2021 - Present

Waterloo, Ontario

- Successfully manage audio equipment during live events with over 200 attendees to ensure a high quality listening experience with industry professionals presenting.
- Garnered thousands of views by providing hundreds of students with review sessions on Computer Science concepts by editing and posting content.

PROJECTS

SentiTweet | *Python, Django, JavaScript, SQL, postgresSQL, Figma, HTML, CSS*

Nov. 2021 - Feb. 2022

- Built a Twitter sentiment analyzer that looks at a posts comment section and scores it based on emotional language found in text.
- Designed the webapp prototype using Figma and built the entire front-end from scratch with HTML and CSS.
- Implemented the Twitter API for text analysis within the back-end, deployed with Heroku.

PokéPlanner | *Django, JavaScript, SQL, Figma + Figma*

Oct. 2021 – Nov. 2021

- Won "Most Innovative Hack" and placed first place in the GoldenHack Hackathon.
- Created a student budgeting app to help students manage finances during a pandemic and spend money wisely.
- Developed with the Django framework with primarily Python and SQL to keep a comprehensive database of spending goals and purchases.
- Built a prototype on Figma demonstrating the UI and designed to make budgeting easy and convenient.

MAD-HOUSE | *React, Firebase, JavaScript, HTML/CSS, Cloud Firestore*

Jan. 2023 – Present

- Developed a website that archives an artist's interviews, concert footage, and instrumental tracks to allow users to view an artist's musical evolution.
- Responsible for managing and delegating tasks in a team of 4 people in an Agile environment over the span of 4 months for a Software Engineering course.
- Built with the React framework and utilized Google Firebase for authentication, hosting, and data storage.
- Used the YouTube Rapid API to convert video clips into sound files for archival purposes and download.

TECHNICAL SKILLS

Languages: Java, Python, SQL, C, JavaScript, HTML, CSS, VBA

Frameworks and Technologies: Django, Angular, React, Git, Node.js, Firebase, Cloud Firestore, Heroku