

# Ali Akbar

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## EDUCATION

### Wilfrid Laurier University

Computer Science (BSc)

Waterloo, Ontario

Sept. 2021 – April 2025

## EXPERIENCE

### Lab Teaching Assistant

Wilfrid Laurier University

March 2020 – August 2021

Mississauga, 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

### Barista

Tim Hortons

April 2022 – September 2022

Mississauga, Ontario

- Worked in a fast-paced environment as front of house and kitchen and attentively made customers drinks and food
- 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

## EXTRACURRICULAR

### Front-end Developer

LCS Pods

Nov. 2021 – Feb. 2022

Waterloo, Ontario

- Designed, developed, and deployed Sentitweet, a Django based sentiment analysis webapp built with an Agile led team of 4 student developers to provide insight into social media public relations on Twitter posts.
- Sentitweet allows users to better understand the relationship between the community and a twitter post by calculating a perception score from the response on the comments section.

### 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/CSS
- Learned front-end development and implemented the Twitter API for text analysis within the back-end, spent 4 months on the project during school

### PokéPlanner | Django, JavaScript, SQL, Figma + Figjam

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 JavaScript and SQL to keep a comprehensive database of spending goals and purchases
- Built a prototype on Figma demonstrating the UI and making budgeting easy and convenient

## TECHNICAL SKILLS

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

**Frameworks and Technologies:** Django, Angular, React, Git, Node.js, Firebase, MongoDB