

# Alba Zalli

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## EDUCATION

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**University of Waterloo** Sep. 2025 – April 2030  
*Honours Computer Science* | **83.6 GPA**

## WORK EXPERIENCE

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**Youth Coding Instructor** Sep. 2023 – Aug. 2025  
*YMCA of Three Rivers*

- Mentored children 6-12 in Scratch programming fundamentals, fostering youth confidence in STEM
- Communicated clearly with parents and staff to improve aspects of youth programs
- Demonstrated responsibility, leadership, and conflict resolution skills by working with children in a structured learning environment

**Columnist** July 2024 – Jan. 2025  
*Wellington Advertiser Newspaper*

- Authored original articles which reached a circulation of 50,000+ prints and digital publication
- Edited monthly articles alongside a team of senior writers, broadening written perspectives

## PROJECTS

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**Pomodoro Study Tool** | *JavaScript, HTML, CSS* Dec. 2025

- Created a customizable, user-focused productivity website hosted on Github Pages, following the SLDC
- Implemented accurate timer logic and analytical metrics for users to analyze their study habits
- Effectively debugged edge cases using Chrome DevTools

**Personal Site** | *JavaScript, HTML, CSS* Aug. 2025

- Designed and implemented a responsive site, optimized on mobile and desktop
- Integrated dynamic UI components and page navigation for a smooth user experience
- Deployed via GitHub Pages with version control

**Audioscope** | *Java, Git* May 2025

- Used Java to develop a sound wave audio-visualizer, providing users a visual model of sound
- In a team of 2, used Git to manage project workflow as per SLDC guidelines
- Implemented and tested modular frequency processing logic to render waveform data
- Wrote a detailed user manual to help users understand how to download and use this application

## TECHNICAL SKILLS

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**Languages:** Java, C, Python, JavaScript, TypeScript, React, Tailwind CSS, HTML/CSS, Racket

**Developer Tools:** Git, VS Code, IntelliJ, Linux CLI, Shell Scripting

**Operating Systems:** Windows, Linux

**Other:** Excel, Microsoft Word, MS Suite, MS Teams

## VOLUNTEER EXPERIENCE

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**Youth Mental Health Ambassador** Sep. 2021 – Aug. 2024  
*Canadian Mental Health Association*

- Lead mental health initiatives in my local community for young adults
- Served as a keynote speaker for two years at the Guelph mental health conference alongside provincial politicians
- Advocated for mental health supports to aid marginalized people, speaking with federal politicians

## LANGUAGE SKILLS

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**English:** Native; **French:** B2 Certification; **Albanian:** Native.