

# Alenka Rondon

☎ 647 529 0102

✉ [alenka.rondon@gmail.com](mailto:alenka.rondon@gmail.com)

🐙 [GitHub](#)

🌐 [LinkedIn](#)

🏠 [alenka-rondon.github.io](https://alenka-rondon.github.io)

## TECHNICAL SKILLS

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**Programming Languages:** Python • C/C++ • JavaScript • Java • HTML/CSS • Racket • SQL (MySQL/PostgreSQL)

**Technologies/Other:** React • Django • AWS (Timestream, Lambda) • Pandas • Git

## RELEVANT EXPERIENCE

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### Business Intelligence Developer — Big Blue Bubble Inc.

September 2022 – Present

- Built multiple Slack bots through the use of **Pandas** connected to various **PostgreSQL** tables.
- Created tools and graphs using Youtube API and Pandas to provide data insights for the marketing team.
- Worked with **AWS Timestream** in order to pull and parse real-time data coming in to gain insight on purchases.
- Rebuilt Grafana from its open-source code to work with custom company integrations and plugins.

### Front-End Developer — The Wellness Group Aurora

January 2022 – June 2022

- Built a flexible and responsive website in a small team using **HTML/CSS**, in order to increase web traffic and call conversion for the chiropody clinic, with frequent input from the clinic director.
- Modernized sites UI/UX whilst still remaining on-brand with their established online presence.

### Hackathon Executive — TechNova

April 2022 – August 2022

- Planned the annual TechNova hackathon that works with over 500 hackers every year.
- Managed social media outreach with the marketing team to reach our goal of attaining **over 600 hackers**.

### Councillor, Vice President of Operations – Math Society

September 2021 – Present

- Managed a team of web developers working on the MathSoc website using **WordPress** in the VPO role.
- Oversaw the management of office services, and hiring, training and managing of over 20 office personnel.
- Currently acting as CS Representative, Director of First Year Affairs and Undergrad Affairs Councillor.

## PROJECTS

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### 🔍 CarbonCompare React, Python, Django, SQLite, HTML/CSS

- Developed a **React**-based webpage that calculates and compares a user's carbon footprint to other footprints.
- Created a **RESTful API** using the **Django** framework which reads stored carbon footprints, allows a user to compare these footprints, and input their own information after using the carbon footprint calculator.

### 🔍 PrettyPage JavaScript, HTML/CSS

- Developed and deployed a Chrome extension that customizes a web-page to a user's visual preferences.
- Surveyed users have reported an increase in their UI experience by **over 20%** (based on typing speed).

## EDUCATION

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### University of Waterloo — Candidate for Bachelors of Computer Science

September 2021 – April 2026

89.27% average (3.9 GPA)

- Awarded **President's Scholarship of Distinction** for an entrance grade above 95%.
- **Relevant coursework:** Object-Oriented Software Development, Elemental Algorithm Design and Data Abstraction.