Alenka **Rondon**

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TECHNICAL SKILLS

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

Technologies and Other: React • Django • AWS (Timestream, Lambda, APIGateway) • Pandas • Git

WORK EXPERIENCE

Software Development Engineer Intern – Amazon   *May 2023 – August 2023*

- Worked with **Smithy** and **Java** to augment existing upload APIs in the optimisation engine to enable user-defined
  metric calculation (through SDKs) and metric persistence to **Amazon S3**
- Deployed APIs using Smithy, Java and **APIGateway** to retrieve metadata from Amazon S3 in single and bulk queries
- Deployed metric comparison features on optimisation UI using **React**, **AWS Lambda,** and **Amazon CloudFront**

Business Intelligence Programmer Intern – Big Blue Bubble   *September 2022 – December 2022*

- Created outlier detection tools using **Postgres** and **Pandas**, and automated their reporting through **Airflow**
- Used **AWS Timestream** and **Lambda** to parse over 35 GB/day of real-time data to gain insight into player behaviour
- Built Grafana from its open-source code to work with custom company integrations, using **Go** and **Python**

Front End Developer – The Wellness Group Aurora   *January 2022 – June 2022*

- Built a flexible and responsive website in a small team using **HTML/CSS**, to increase web traffic and call conversion for
  the chiropody clinic, with frequent input from stakeholders

LEADERSHIP EXPERIENCE

Co-Director, Team Lead, Marketing Coordinator – TechNova   *January 2022 – Present*

- Led the marketing team in developing strategies to increase outreach, coordinating with sponsors on promotion
  requests and managing inquiries and communications from hackers, mentors, etc.
- Managed 30+ organisers alongside other team leads to plan TechNova's 2023 hackathon

Councillor, Vice President of Operations – Math Society   *September 2021 – December 2022*

- 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

PROJECTS

⦿ **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 and compares stored carbon footprints

EDUCATION

University of Waterloo — *Candidate for Bachelor of Computer Science*   *September 2021 – April 2026*
89.27% average