

RAHMA GILLAN

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EDUCATION

Computer Science (University of Waterloo) and Business Administration (Wilfrid Laurier University) Double Degree

09/2019 – 08/2024

Courses: Algebra for Honors Mathematics, Calculus for Honors Mathematics, Designing Functional Programs

SKILLS

Languages: Java, Python, HTML/CSS

Tools: Github, Eclipse

WORK EXPERIENCE

Canada South Science City - Day Camp Supervisor/Front-End Web Developer

Registered charitable interactive science center

06/2019 - 08/2019

- Took initiative to rebuild [website](#) from scratch for the organization using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** providing more relevant and up to date information to visitors
- Researched and produced a new rock exhibit effectively utilizing unused inventory

MasseyHacks IV - Head of Logistics

24-hour MLH certified high school [hackathon](#)

09/2017 - 04/2018

- Coordinated 100+ volunteers by conducting meetings and creating schedules
- Led the logistics team to raise a cumulative **\$10000** sponsorship through research

CodeReach - Organizer and Tutor

After-school [computer science club](#) for elementary school students to learn code

09/05/2017 - 05/2018

- Took initiative to start the **community-focused** club from scratch as founding member
- Responsible for outreach (making posters and doing presentations on behalf of the club)
- Worked individually with students teaching **Python**
- **100+** kids graduated in May after attending the club 3 hours a week during the school year

PERSONAL PROJECTS

[Tourhub](#)

Web application to aid students and brokers in finding and booking student tours

09/2019

- *Hack the North 2019* Accenture Accentours API Prize Winner
- Developed project front-end learning **Node.js** and **React** to incorporate with the **HTML**, **CSS**, and **JavaScript** creating the information page, designed the web pages, and information displays

[Aknowtate](#)

Java GUI that uses **Google Vision** to annotate book pages

12/2018

- *Border City Hacks 2018* 1st place project out of 10 local Competitors
- **Innovated** the idea, developed the front-end using **Java Swing**, and coded for features such as dictionary to define complex words and finding alliteration in the text-analysis

[Hop to It](#)

Computer science course final project maze game

04/2019

- Heavily used **object-oriented programming** to fully develop a 3rd person maze game involving a leaderboard, health bars, various levels, powerups, shooting, enemies with fixed paths, and converted .txt files into graphic mazes

HONORS/AWARDS

- *Sampriti Devi Ray Scholarship*, value: **\$4000** from the *University of Waterloo* (05/2019)
- *Loran Scholar* Nominee obtained 1/3 nominations from a pool of **500+** students (09/2018)
- **Top 25%** in various *University of Waterloo* Math competitions including Euclid 2019, Euclid 2018, Fermat 2018
- *Diplôme d'études en langue française (niveau B2)* - B2 level French language proficiency certificate
- *Richard Peddie Debate Tournament* Best Female Varsity Speaker of approximately **50+** female competitors (12/2017)
- U16 Girls Canadian Chess Champion 2016