

RAHMA GILLAN

rgillan@uwaterloo.ca · rahmagillan.github.io · github.com/rahmagillan

TECHNICAL SKILLS

Languages: Java, HTML/CSS/JavaScript, Python, C
Tools: Git, Bootstrap, Eclipse, Pygame

INTERESTS

Hackathons, Case Competitions, Debate, Chess, Indoor Rock Climbing, Origami

EDUCATION

University of Waterloo and Wilfrid Laurier University

09/2019 – present · BCS/BBA Computer Science and Business Double Degree

- Involved in Midnight Sun Design Team, Women in Computer Science, and Xlerate Select

PROJECTS

Tourhub · 09/2019 · Web application to aid students/brokers in finding and booking student tours

- *Hack the North* Accenture **API Prize Winner**
- Used **Node.js** and **React** to display tourist attractions and create responsive web pages containing tour options

Aknowtate · 12/2018 · Java GUI that uses **Google Vision** to annotate book pages for language learners

- *Border City Hacks* **1st place** project
- Designed and implemented the front-end using **Java Swing** library and event listeners
- Defined complex words using a HashMap and wrote an algorithm to find alliteration

Hop to It · 04/2019 · Top-down maze game programmed in **Java**

- Used **object-oriented programming** for player/enemy interactions and object collisions
- Developed a tool to automatically generate graphic mazes from .txt files

EXPERIENCE

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

06/2019 – 08/2019 · Registered non-profit, interactive science center

- Rebuilt the organization's website from scratch 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 2 boxes of unused inventory

MasseyHacks IV · Head of Logistics

09/2017 – 04/2018 · Canada's largest, 24-hour, MLH certified high school hackathon

- Coordinated **100+** volunteers by facilitating meetings and digitizing work schedules
- Lead the logistics team to raise a cumulative **\$10000** through company research and outreach

CodeReach · Organizer and Mentor

05/2017 – 05/2018 · After-school computer science club for elementary school students to learn code

- Demonstrated leadership skills as a founding member of the community club with 50+ students
- Taught **Python** fundamentals reinforcing them with graphical representations in **Pygame**

HONORS/AWARDS

- *HP Case Competition* · 2nd Place out of 250+ competing teams
- *Sampriti Devi Ray Scholarship* · value: \$4000 from the University of Waterloo
- *Loran Scholar Nominee* from a pool of 500+ students
- *Richard Peddie Debate Tournament* · Best Varsity Speaker of 50+ competitors
- Top 25% in several University of Waterloo Math competitions including Euclid 2019 and Euclid 2018