

RAMI MAALOUF

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Education

University of Calgary

Sept 2021 - Apr 2025

Bachelor of Computer Science Honours with a minor in Data Science (3.8 GPA)

- **Courses:** OOP and fundamentals of programming in Python & Java, Data Structures & Algorithms
- **Extracurricular clubs:** Comp Sci Undergrad Society, Competitive Programming Club, Info Sec Club

Skills

- **Languages:** Python • Typescript (.tsx & .ts) • Java • Bash
- **Technologies:** Next.js • React.js • HTML/SCSS/JS • Node.js • Tailwindcss • Framer Motion • SQLite • MongoDB • Firebase • Jupyter Notebook • BeautifulSoup • Selenium • Git • Tableau • Excel

Projects

HashTable Implementation ([Repo](#) | [Website](#) | Next.js | Tailwindcss) Jun 2022 – present

- After completing my assignment for my [DS & A course](#), which was about implementing a hashTable in Java, I decided to make a website that would visually show how data gets stored in HashTables.
- It helped my classmates fundamentally understand the structure and how HashTables work which helped them complete the assignment.

Knock-knock ([Repo](#) | [Website](#) | Next.js | MongoDB | NotionAPI) April 2022 – June 2022

- Generates knock-knock jokes in the most creative ways.
- Learned to expand my box of thinking by exploring different ways of revealing the joke.
- Got familiar with using & making react hooks and storing data in the browser as localStorage.

Open Seat Finder ([Repo](#) | Python | BeautifulSoup4 | Selenium) Nov 2021 – Dec 2021

- Automates the process of constantly checking if there are research participation opportunities which is one of the requirements for 3 intro Psychology courses in University of Calgary.
- This project counter-intuitively taught me the limitless possibilities of APIs since they're basically an 'official' way of web scraping (GETting data off the web).

Football League Manager ([Repo](#) | Java | JavaFX | JUnit5) February 2022 – April 2022

- Diligently worked in a team of two, to code a UI based Football League Manager.
- Received a final grade of 99.8% for that project which constitutes 50% of that [course's](#) final grade.

You can find 10's of other projects in my [GitHub profile](#) like a nearby crime tracker app and much more.

Work Experience

Young Guns Container Crew

Calgary, AB

- Packed and unpacked shipping containers. June 2022 – present
- Worked with people with a like-minded end goal: packing as much containers as possible.
- Which helped me create and built amazing chemistry with my crewmates.
- As a result, we were able to increase our hourly commission by 26% in a span of three 8-hour shifts.

Interests

Socializing • Reading • Programming • Basketball • Squash • Working out • Hiking • Longboarding