

Rawhi Alfar

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SKILLS

Programming Languages: C, Java, HTML, CSS, JavaScript, Python, SQL, Fortran, Ada, Cobol

Libraries: SWIG, MySQL, React, JQuery, SQLite

Tools: Git, Github, Easy68k, Netlify, Google Cloud Platform, Trello, Asana, VS Code

Operating Systems: Windows 10, Mac OS, Linux, Android

Spoken Languages: English, Arabic

RELEVANT SCHOOL WORK

Syst Analysis & Design in App

Microcomputers

Software Design/Engineering

Object Oriented Programming

Data Structures

Web Design & Development

Linear Algebra

Software for Legacy Systems

Software System Development & Integration

PROJECTS | [Github.com/rawhialfar](https://github.com/rawhialfar)

Weather App | *JavaScript, HTML, CSS, React*

<https://weatherapp-pr.netlify.app/>

- Developed a basic Weather Checking Application that asks the user for an inputted city in a format.
 - i.e: Guelph, CA (Canada)
- Works on both mobile devices and desktop, including windows and mac.
- Implemented Open Weather API for fast data checking.

ePortfolio | *Java*

- Developed a GUI based java code that allows a person to buy and sell stocks/mutual funds.
- Included a menu where users can choose which option they want.
 - Buy, Sell, Update, Gain, Quit
- Built upon previous Java Code and refined it.

COVID-19 Data Table | *Python*

- Built a COVID-19 Table that extracts data from an API prints out a table of live COVID-19 data in Ontario.
- Developed with a team of 3, meeting weekly through agile (scrum) meetings.
- Used Trello to build a project planner and stay up to date on what is done, and what needs to be done.
- Met weekly deadlines.

Portfolio Website | *HTML, CSS*

<https://rawhialfar.netlify.app/>

- Designed a Portfolio Website to showcase some of my work
- Continued development will occur as I learn more JavaScript.

Molecule Viewer | *C, Python, HTML, CSS, SQL, JavaScript*

- Developed a full-stack program to store, edit, and view molecules.
- Developed a C Backend parser to convert sdf files into manipulatable data.
- Developed a Webserver using Python3 that can take backend data and convert it into svgs and store it in a

Database.

- Developed a Database in SQL that can store molecule data.
- Developed a Frontend using JavaScript, HTML, CSS and SWIG that connects all three elements into one Full-stack application.
- Hosted the server using jQuery.

EDUCATION

University Of Guelph *Guelph, ON*

September 2020 - April 2025 (expected)

Bachelor of Computing, Honours Software Engineering (Co-op)

- Maintaining a 79% overall or a 3.3 GPA

EXTRACURRICULARS

Hack the Job *Guelph, ON* | Hackathon Event

January 2022

Participant

- Participated in a coding event where I developed a Weather App using JS and React.
- Event lasted 2 days.
- Attended coop related seminars, and coding interview seminars.
- Reviewed projects by peers.

WORK EXPERIENCE

TD Bank *Toronto, ON* | Quality Engineer Intern

May 2022 - August 2022

- Used automation tools to test TD pages for code defects and issues.
- Performed manual and regression testing on TD's official website, reporting any bugs/defects found.
- Worked with a QA team to test website features and Java code.
- Performed API tests on TD's website.
- Daily Scrum meetings with the QA Team.

TAMVOES *Kitchener, ON* | QA Analyst Intern

Sept 2022 - December 2022

- Performed manual and regression testing on TAMVOES's Website and Mobile App, identifying and documenting various bugs and issues.
- Wrote manual unit tests to test databases in Python, React and JavaScript.
- Managed tasks and schedule on Asana.
- Weekly Scrum meeting with the TAMVOES team.

Dollarama *Milton, ON* | Cashier/Store Assistant

July 2021 - April 2022

- Responsible for cashing items. Balanced till within \$0.50 variance daily
- Stocked items, Emptied Boxes and Garbage collecting
- Customer service, receiving customer calls.

Town Of Milton *Milton, ON* | Lifeguard

Nov 2019 - December 2022

- Ensuring the safety of swimmers in and out of the pool.
- Assisting those who have any questions/concerns (Customer Service)
- Instructing swimming classes, Simultaneously aiding students and parents effectively

ACHIEVEMENTS

- University Of Guelph Entrance Scholarship | \$1500
- High School Honour Roll for achieving above 90% average