# Rawhi Alfar

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## EDUCATION

**University of Guelph** — Guelph, ON
Bachelor of Computing, Software Engineering *GPA: 3.7* — September 2020 - December 2025

## SKILLS

**Programming Languages**: JavaScript, HTML, CSS, Python, Java, SQL, TypeScript, PHP, Cobol, R

**Libraries & Frameworks**: React.js, Node.js, GraphQL, jQuery, AJAX, Tailwind, AWS, Pytest, Jest

**Tools**: Git, Github, Trello, Asana, REST, Jira, POSTMAN, Figma, Apollo, Zoho, Firebase

## WORK EXPERIENCE

**Fill it Forward** — Guelph, ON
*QA & Software Development Intern* — January 2024 - August 2024

- Developed **React** features for the Fill it Forward app, **enhancing** the user experience and aligning with product design goals.
- Built client portal pages using **React Native**, enabling group management and impact tracking, increasing **engagement** by **60%**.
- Wrote backend scripts with **TypeScript** and **GraphQL** to support **new features** and **improve performance**.
- **Designed** and **executed** test plans and **automated unit tests** with **Jest**, ensuring **defect-free**, **reliable** code delivery.

**TAMVOES** — Waterloo, ON
*QA Analyst Intern* — September 2022 - December 2022

- Performed manual and regression testing for TAMVOES's mobile app, **thoroughly** identifying, **documenting**, and **reporting** critical bugs and issues to ensure platform stability and enhance user satisfaction.
- Developed and executed **comprehensive** test plans and suites, facilitating a smoother release cycle by catching defects **early in development**.
- Wrote **detailed** and **efficient** unit tests using **pytest**, ensuring high code **coverage** and **functionality**.

**TD Bank** — Toronto, ON
*Quality Engineering Intern* — May 2022 - August 2022

- Performed **comprehensive** manual and regression testing on TD's official website, ensuring **strict compliance** with quality standards and **enhancing** the user experience.
- Automated testing scripts to **streamline** repetitive processes, improving the **efficiency** and **accuracy** of testing.
- Thoroughly **documented** and **reported** defects, providing clear **analysis** and **actionable** feedback.
- **Collaborated closely** with a professional QA team, using **Agile** and **Scrum** methodologies to ensure alignment with project goals and tight **deadline delivery**.

## PROJECTS

**Molecule Viewer** | *C, Python, HTML, CSS, SQL, JavaScript*
https://github.com/rawhialfar/Jquery-Webserver

- Developed a **full-stack application** with a **C backend** parser to convert SDF files into molecule data stored in an **SQL database**.
- Utilized a **Python3-based web server** to process data into SVG images, with a **JavaScript, HTML, CSS**, and **SWIG** frontend for **seamless integration**.
- Hosted the server with **jQuery**, improving **event handling** and enhancing the **user experience**.

**Course Manager** | *PHP, JavaScript, HTML, CSS, Python, Figma*
https://github.com/rawhialfar/Course-Manager

- Developed a **full-stack application** with a **C backend** parser to convert SDF files into molecule data stored in an **SQL database**, utilizing a **Python3-based web server** to process data into SVG images and a **JavaScript, HTML, CSS, and SWIG frontend** for seamless integration.
- Hosted the server with **jQuery**, improving **event handling** and enhancing the **user experience**.