

RAWHI ALFAR

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EDUCATION

University of Guelph

Bachelor of Computing, Software Engineering *GPA: 3.8*

Guelph, ON

September 2020 - June 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

Software Development Intern

Guelph, ON

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%**.
- Contributed to a **SaaS migration**, ensuring a **smooth transition** to a more **scalable infrastructure**.
- Wrote backend scripts with **TypeScript** and **GraphQL** to support **new features** and **improve performance**.

TAMVOES

QA Analyst Intern

Waterloo, ON

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

Quality Engineering Intern

Toronto, ON

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

Appstinence | Dart, Kotlin, Java, C++

<https://github.com/rawhialfar/Appstinence>

- Developed **core functionality using Flutter with native Android integration**, implementing Kotlin-based services (e.g., AccessibilityService) for real-time app blocking via MethodChannel.
- Built features like **Focus Mode, App Usage Analytics, and Challenge Modes**, offering users personalized insights and engagement tools to improve productivity and reduce distractions.
- Integrated **third-party packages** to dynamically fetch app data, display overlay UIs, and manage real-time blocking events based on user-defined settings.

Course Manager | PHP, JavaScript, HTML, CSS, Python, Figma

<https://github.com/rawhialfar/Course-Manager>

- Collaborated in a team to design and program a web-based portal, enabling students to manage courses from a database linked to WebAdvisor—Guelph's primary portal application.
- Utilized a server-side **REST API** to handle **data operations**.
- Adopted a **rotating sprint** format to enable **diverse leadership**, fostering a **cross-functional** and inclusive development process.