

Ryan Smith

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EDUCATION

Queen's University, *Bachelor of Computing (Honours)*

2020 – 2024

Fundamental Computation

RELEVANT WORK EXPERIENCE

Driven

MAY 2022 – AUG 2022

Intern Developer

Kingston, ON

- Produced high-quality, secure, and readable code for deployment in **5 large repos** consistent with company standards and guidelines.
- Performed frequent **code reviews** for colleagues' pull requests on **GitHub** to ensure quality of potential production code prior to sandbox/production environments.
- Presented changes and new features in the form of **Zoom demos** to the development team of **roughly 40 people** and addressed any changing or new requirements, as well as questions. Additionally, **provided feedback** or inquired about the demos from other co-workers.
- Gained experience as a **fullstack** developer, with a focus on **backend** coding most often.

Thinking Capital

MAY 2021 – AUG 2021

Intern Developer

Kanata, ON

- Worked in a startup environment in the **Fintech** space on evolving newly created **highly-secured cloud platform** software used by **thousands of small businesses** in Canada.
- Collaborated in sprints with a team of **30+ developers** on the development lifecycle from requirement gathering to production releases.
- Implemented new features and bug fixes to client-facing interfaces, internal portals, and backend platform code using primarily **Ruby and HTML/CSS**.
- Refactored and enhanced existing code/tests, including **CircleCI** tests to meet changing requirements of new features and products to **maintain high code coverage**.

Queen's University - Alma Mater Society

SEP 2024 – PRESENT

StuCon Event Staff

Kingston, ON

- Provided peer-to-peer security at various AMS-sponsored events in vastly different environments (bar, outdoors, arts centre).
- Observed crowds of typically **100+** students to monitor for any potential security issues and enforce rules provided by venues.
- Conducted ID checks (in addition to bag checks/patdowns) to verify students are of age for events containing alcohol, and monitor status of students to ensure safety.
- Maintained a vigilant watch upon events unfolding to ensure the safety and enjoyment of all parties involved.

Queen's University

FEB 2022 – SEP 2022

Orientation Leader

Kingston, ON

- Set up and helped to ensure the smooth running of **15+ events** for incoming Computing students in a variety of indoor and outdoor environments, in collaboration with a personal group, as well as the larger group of 'Techs' (leaders).
- Assisted with transition to university life by providing support and positivity to **250+ incoming students**, as well as answering any questions posed regarding Queen's, Kingston, or university life in general.
- Helped to create a welcoming and safe environment for new students of all backgrounds in leading an orientation group containing **over 20 students**.

PROJECTS

Synapsis, *Queen's University Biotech Club*

PRESENT

- A mobile application currently in development to help users manage their IBD, including symptom tracking, journal feature, insights, diet tracking, and more.
- Using **React Native** with **Expo** to produce code that functions on Android and iOS.
- Implemented authentication functionality using **Supabase**, with options to sign in with GitHub, Google, Discord, or Email to increase efficiency in both signup and sign in processes.

Personal Website, *Portfolio*

PRESENT

- A personal portfolio website project made with **HTML** and **CSS** designed to display experience as well as .
- See more here.

scannAR, *QHacks Award Winner*

2022

- Our group created a prototype for a marketplace product called scannAR, which uses **Unity** and **Lean Touch** as well as 3D models to allow users to scan products they want to sell. These objects can be replicated on the purchasing customer's end using AR to project a visual display of the size and shape to ensure the product is as expected.
- My role in this project was to **create the marketing website** to present our product to the judges. I worked in a team of **four students**, over the course of **36 hours** using **GitHub** for version control and **HTML/CSS** for development of the promotional website.
- See more here.

SKILLS

Programming languages: Python, Java, Ruby, HTML, C, CSS, JavaScript, LaTeX, BASH, SQL, Typescript, C++

DevOps: Git, Zenhub, CircleCI, Jira, Heroku, Slack

Hardware: PC building experience, Soldering experience, Welding experience

Other: Agile, Scrum, Waterfall, Kanban, Canva, AutoCAD, Bootstrap

Certifications: CPR-C + AED, First Aid, Smart Serve

Languages: English (Native), French (Fluent)