Ryan Smith

GITHUB.COM/R-SMITH11   LINKEDIN.COM/IN/RSMIT11/   RYAN_D_SMITH@ROGERS.COM   (343) 988-3750

EDUCATION

Queen's University, *Bachelor of Computing (Honours)*   **2020 – 2024**
Fundamental Computation

RELEVANT WORK EXPERIENCE

Driven   **May 2022 – Aug 2022**
Software Developer Intern   Kingston, ON
- Created a new view/internal portal for the underwriting department using **Ruby on Rails**, saving 10+ hours of work a week in manual processing.
- Implemented anomaly detection for third-party integrations with Slack alerts, reducing error detection time from 2-3 days to under a minute.
- Expanded applicant profiles with new data fields, improving information completeness by >30%, as well as enhancing decision accuracy for credit evaluations.
- Refactored flaky **CircleCI** test cases, improving developer experience and reducing prod deployment times by at least 60%.
- Fixed critical authentication bugs such as invalid sign-in links for Plaid, improving user experience and reducing support tickets.

Thinking Capital   **May 2021 – Aug 2021**
Intern Developer   Kanata, ON
- Collaborated in sprints with a team of 30+ developers on the development lifecycle from requirement gathering to production to retrospective reviews.
- Improved, updated, and maintained **Fintech** lending software used by 1000s of small and medium businesses across Canada
- Refactored and enhanced existing test infrastructure, leading to a 13% increase in code coverage and reducing **CircleCI** run times by 20%.
- Enhanced UX in customer portals (Angular frontend and IDP systems) by addressing accessibility issues such as mobile UI layouts and clickable GUIDs, reducing friction in login and onboarding flows.

PROJECTS

GymSmart, *Fitness tracking app*   **May 2025 – present**
- Currently developing an AI-enhanced fitness tracking app that allows users to log workouts and meals, using **Expo** for the frontend and **Firebase** for the backend.

Synapsis, *Queen's University Biotech Club*   **Jan 2025 – Apr 2025**
- Used **React Native** with **Expo** to create a cross-platform mobile application that helps users manage their IBD.
- Developed features including symptom tracking, journal feature, insights, diet tracking, etc. using **Typescript**.
- Integrated secure multi-provider authentication via **Supabase** (GitHub, Google, Discord, Email), streamlining onboarding and reducing login friction, resulting in a more efficient and user-friendly experience.

scannAR, *QHacks Award Winner*   **2022**
- Developed a marketplace platform using **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.
- Designed and developed the promotional website using HTML and CSS, ensuring designs were aligned with Figma specifications.
- Won the **most engaged award** in a competition with over 230 participants.

SKILLS

Programming languages: Python, Java, Ruby, HTML, C, CSS, JavaScript, LaTeX, BASH, SQL, Typescript, C++
DevOps: Git, Zenhub, CircleCI, Jira, Heroku, Slack, Docker
Other: Agile, Scrum, Waterfall, TDD, Kanban, Canva, AutoCAD, Bootstrap
Languages: English (Native), French (Fluent)