

RAEEN BAGHERI

Canada, Ontario · Bagherir@uoguelph.ca · <https://raeeinbagheri.com> · (647)-936-1380

SKILLS

- Languages:** Swift, Python, Go, Java, C, JavaScript, Assembly, SQL
- Frameworks:** UIKit, SwiftUI, React, Sveltekit, Flask, Bootstrap
- Technologies:** Git, Realm, CocoaPods, Firebase, MongoDB, AWS, Google Cloud, Docker, Tableau
- Certifications:** Google Data Analytics Certificate, Google Cybersecurity Certificate, Microsoft Azure Developer Associate

WORK EXPERIENCE

Mobile Software Developer

TD Bank

Canada, ON

May 2023 - Sep 2023

- Successfully resolved complex UI and business logic challenges, efficiently prioritizing and completing tickets to meet project deadlines, while maintaining strong attention to detail and code quality
- Collaborated closely with cross-functional teams, including designers and backend developers, to ensure the timely delivery of high-quality software solutions
- Demonstrated exceptional problem-solving skills by debugging and resolving critical issues promptly, ensuring seamless functionality and minimizing user impact

Mobile Developer

Reality Experience Technologies

USA, OH

Feb 2022 - Jul 2022

- Streamlined data transfer processes by automating the transfer from S3 Buckets to Firestore, leading to a significant 25% increase in the efficiency of approval pipelines
- Enhanced the UX of the mobile application by actively engaging with users, collecting feedback, and incorporating their suggestions to introduce new features
- Played a key role in the successful UI redesign of the mobile application, receiving praise from stakeholders for the improved UI, UX, and overall user experience

Quality Engineer

TD Bank

Canada, ON

May 2022 - Aug 2022

- Implemented automation pipelines using Microsoft Azure, significantly reducing the team's downtime by 30% through the elimination of manual testing for data entities
- Executed automated test plans and scripts, uncovering and documenting software bugs to facilitate timely resolutions and ensure high-quality software releases
- Actively participated in project team meetings, contributing insights and expertise on the testing process, discussing business requirements, and collaborating with team members

EDUCATION

University of Guelph

Bachelor of Computing, Computer Science 3.7/4.0 GPA

Canada, ON

Sep 2020 - Oct 2024

PROJECTS

[HTTPS://GITHUB.COM/RAEEN](https://github.com/raeein)

GMC *Go, Firebase, MongoDB, Docker, GCP, Yaml*

- Utilized advanced Go concurrency features such as Go routines and channels to optimize the server response time by 60%
- Implemented CI/CD pipelines for automated testing, building, dockerizing, and publishing the app to Docker Hub and Google Cloud Run

WallHaven *SwiftUI, REST API, JSON*

- Developed an iOS application using SwiftUI to fetch and display images from the WallHaven API in an image grid format
- Improved the app's startup time by implementing pre-fetching and caching mechanisms for images, ensuring faster loading and enhanced user experience.

Flappy Bird AI *Python, NEAT, Pygame*

- Fine-tuned the AI's input values to enhance its performance, resulting in improved accuracy and efficiency with fewer generations
- Implemented an evolutionary process to train the AI, allowing it to learn and adapt its gameplay strategy over time