

# RAEEN BAGHERI

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## EDUCATION

### University of Guelph

Bachelor of Computing, Computer Science 3.7/4.0 GPA

Canada, ON

Sep 2020 - Apr 2024

## 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

## PROJECTS

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

### 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 an impressive 60%
- Implemented CI/CD pipelines for automated testing, building, dockerizing, and publishing the app to Docker Hub and Google Cloud Run

### Hacker News SwiftUI, REST API, JSON

- Created an iOS application using SwiftUI that seamlessly presents the latest news articles sourced from the Hacker News API
- Implemented the integration of the WebKit API into the application, optimizing the user experience by seamlessly displaying web content within the app

### 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

## SKILLS

**Languages:** Swift, Python, Go, Java, C, JavaScript, Assembly, SQL

**Frameworks:** UIKit, SwiftUI, React, 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