

# RAEEN BAGHERI

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

## SKILLS

---

Languages: Swift, Python, Go, Java, C, JavaScript, Assembly, SQL, Yaml  
Frameworks: UIKit, SwiftUI, Flask, React, Bootstrap  
Technologies: Git, Realm, CocoaPods, Firebase, MongoDB, AWS, Google Cloud, Docker, Tableau

## WORK EXPERIENCE

---

### iOS Developer

USA, OH

*Reality Experience Technologies*

Feb 2022 - Jul 2022

- Automated the data transfer from S3 Buckets to FireStore using Swift which resulted in a significant increase in the productivity of the team
- Improved the User Experience of the mobile application by gathering feedback from users and using them to add and improve additional functionalities to the app
- Assisted in the redesign of the mobile application which received the applause of the stakeholders

### Quality Engineer

Canada, ON

*TD Bank*

May 2022 - Aug 2022

- Created automation pipelines in Microsoft Azure to replace the manual testing of the entities which significantly improved the team's proficiency
- Executed automated test plans, cases and scripts to uncover, identify and document software bugs and their potential causes
- Participated in project team meetings to discuss the testing process, business requirements and assignments

## EDUCATION

---

### University of Guelph

Canada, ON

Bachelor of Computing, Computer Science

Sep 2020 - Apr 2024

- Maintaining a 3.7/4.0 GPA
- Received an entrance scholarship of 4000\$

### Google Certificate

Coursera

*Data Analysis*

Apr 2021 - Jun 2021

- Completed extensive six-month job-ready Google Career Certificate training
- Improved critical and analytical thinking using tools such as R, Tableau, and relational databases
- Demonstrated hands-on experience with data cleaning, data visualization, project management, interpreting and communicating analytical findings

## PROJECTS

---

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

### ToDoey UIKit, Realm, CocoaPods

- Developed an iOS application to assist with organization and prioritization of daily tasks
- Shortened the codebase by using object-oriented programming concepts such as inheritance
- Improved the loading time of the application by switching from userDefaults to Realm data base

### Hacker News SwiftUI, REST API, JSON

- Created an iOS application using SwiftUI to present the latest news from the Hacker News API
- Integrated the WebKit Api which resulted in greater quality of user experience

### Flappy Bird AI Python, NEAT, Pygame

- Built a Flappy Bird game that is controlled and improved by a Genetic Algorithm
- Improved the efficiency of the model by adjusting the input values which resulted in having an accurate model using fewer generations

### Blog Website Python, Flask, HTML, CSS, SQLite

- Developed a blog website to store and share users blog with CRUD functionalities
- Improved the user interface of the website by using Bootstrap elements
- Implemented features such as user authentication and updating user credentials with Firebase