

RAEEN BAGHERI

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SKILLS

Languages: Swift, Python, JavaScript / HTML / CSS, C, Java, R, SQL, LaTeX
Frameworks: UIKit, SwiftUI, Flask, React, Bootstrap
Technologies: Git, Realm, Firebase, AWS, Azure, Digital Ocean, Tableau, Microsoft Suit

WORK EXPERIENCE

IOS Developer

Reality Experience Technologies

USA, OH

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 IOS 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

TD Bank

Canada, ON

May 2022 - Sep 2022

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

EDUCATION

University of Guelph

BS Computer Science

Canada, ON

Sep 2020 - Apr 2024

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

Google Certificate

Data Analysis

Coursera

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 data analytics findings

PROJECTS

ToDoey UIKit, Realm, Cocoapods

https://github.com/Raeein/Todaye_Realmhbjb

- Developed an IOS application to assist users organize and prioritize their 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 and CoreData to Realm

Hacker News SwiftUI, REST API, JSON

<https://github.com/Raeein/H4XOR-SwiftUI>

- Created an IOS application using SwiftUI to get 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

https://github.com/Raeein/Flappy_Bird_AI

- 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

https://github.com/Raeein/Flask_Blog

- Developed a blogging 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