Raeein Bagheri

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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

WORK EXPERIENCE

Mobile Developer
USA, OH
Reality Experience Technologies
Feb 2022 - Jul 2022

- Automated the data transfer from S3 Buckets to FireStore resulting in a 25% increase in the approval pipelines
- Improved the User Experience of the mobile application by gathering feedback from users and leveraging them to add and improve additional features to the app
- Assisted in the UI 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 data entities which reduced the team's downtime by 30%
- 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
*B*achelor of Computing, Computer Science
Sep 2020 - Apr 2024

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

Google Certificate
Coursera
*D*ata 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/RAEEIN

GMC *Go, Firebase, MongoDB, Docker, GCP, Yaml*
- Developed a serverless backend service to notify students of new open spots in their courses during the registration period
- Used go concurrency features including go routines and channels to improve the server response time by 60%
- Implemented CI/CD pipelines to test, build, dockerize and publish the app to docker hub and Google Cloud Run

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 to streamline the user experience within the application

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 publish users' blogs 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