Lake Forest, California

https://github.com/raaamonnn

Ramon Amini

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EDUCATION

California State University, Fullerton
Bachelor of Science, Computer Science

May 2022
GPA: 3.74

TECHNICAL SKILLS

- Primary Programming Languages: Swift, C++, HTML, CSS
- Other Languages: Python, Objective-C, Java, JavaScript, SQL, fluent in both German and English
- Frameworks: UIKit, SwiftUI, Swift Core Libraries, Node.js, Bootstrap, React
- Tools/Others: Git, Fork, Jira, GitHub, Agile/Scrum, Qt Creator, Visual Studio, VSCode, Xcode, Eclipse

PROJECTS

Personal Website, React *(for additional information and project demos) | https://raaamonnn.github.io/*

Dari Learner, Swift *(Founder) | https://darilearner.com/*

August 2020 - Present

- Published and engineered Dari Learner, a fun free way of becoming fluent in Dari (iOS)
- Designed an innovative and responsive application applying animations for a unique UI
- Optimized network requests and constructed API for vocabulary retrieval
- Utilized: SwiftUI, Swift Core Libraries, Design Patterns, Local Persistent Data, Authentication Services, Combine, CryptoKit, Core Data, Notifications, AVKit, Cloud Storage, Firebase, AdMob, Python, Flask, SQL

Loan Link, Swift *(Co-Founder) | https://www.loanlink.io/*

November 2020 - Present

- Co-founded and led iOS development of Loan Link, an all-in-one Student Loan Manager
- Devised user simulation capability allowing exploration of different payoff plans, integrated Plaid API securely aggregating users loan data, and constructed pay off plan algorithms
- Led daily Scrum meetings to measure progress and synchronize with a team of talented engineers in a collaborative environment
- Utilized: UIKit, SwiftUI, Swift Core Libraries, XCTest, IGListKit, Charts, Third Party API integration, Local Persistent Data, Authentication Services, Combine, CryptoKit, Core Data, Notifications

MusoLive, React *(Product Owner and Developer) | https://github.com/raaamonnn/stream-mux-api*

October 2021 - Present

- Implemented Mux API for video playback and streaming service as well as its latest clipping feature capabilities
- Defined user stories and team backlog of a team of three, responsible for projects outcome

MealPickr, Kotlin *(Developer) | https://github.com/raaamonnn/MealPickr*

September 2021 - January 2022

- Created an Android application to randomly generate restaurants. Implemented the Yelp API aggregating its data using Retrofit
- Programmed user settings such as a custom radius and food category picker

The Mudkips, C++ *(Scrum Master and Developer) | https://github.com/raaamonnn/TheMudkips*

October 2019 - December 2019

- Built a vacation planner deploying algorithms such as DFS, BFS, Dijkstra to find shortest path, and Kruskal's Algorithm for MST
- Facilitated standups, planning meetings, and reviewing sprints for a team of four

EXPERIENCE

Computer Science Tutor
Saddleback College

Mission Viejo, CA
June 2019 - August 2021

- Covered topics ranging from introductory to intermediate Java and C++, as well as Data Structures
- Improved learner's repertoire of skills and knowledge by providing strategies and tips, modeling effective skills and habits with coursework
- Empowered students to become independent through Socratic tutoring principles

Website Developer
Dhali

Rancho Santa Margarita, CA
May 2019 - August 2019

- Conducted daily updates for four WordPress sites
- Converted one site to WordPress and developed one new site from scratch
- Developed web applications with Visual Studio using C#, HTML, CSS, SQL, JavaScript, and JQuery
- Utilized Tortoise SVN and Visual Studios Team Foundation Server (Git) to manage repositories

LEADERSHIP EXPERIENCE

Association for Computer Machinery *(Founding Member)*

February 2019 - August 2020

- Conducted technical workshops allowing students to build a portfolio website to showcase projects
- Directed recruitment of new members and fundraising events
- Managed a team of students to solve sets of software engineering problems at the ICPC SoCal region

Society of American Military Engineers *(Founding Member)*

February 2019 - August 2020

- Coordinated with the Vice President to create a forum with industry leaders to learn about their area of expertise
- Co-managed university campus tours to allow transfer-ready students to explore admission options