

## Ramon Amini

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### EDUCATION

#### California State University, Fullerton, California

Bachelor of Science, Computer Science

GPA: 3.74

Graduation: May 2022

### TECHNICAL SKILLS

- Primary Programming Languages: Swift, C++ (experience with network protocol such as UDP), HTML, CSS
- Other Languages: Python, Java, JavaScript, SQL, fluent in both German and English
- Frameworks: UIKit, SwiftUI, Node.js, Bootstrap
- Tools/Others: Git, Fork, GitHub, Agile/Scrum, Qt Creator, Eclipse, Xcode

### PROJECTS

#### MealPickr, Kotlin (Developer)

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

#### Dari Learner, Swift (Founder)

August 2020 - Present

- Founded and engineered Dari Learner, a fun free way of becoming fluent in Dari
- Designed a SwiftUI based application utilizing Firebase for Authentication and Storage as well as AdMob
- Optimized network requests and constructed API for vocabulary written in Flask and hosted by Heroku

#### Loan Link, Swift (Co-Founder)

November 2020 - Present

- Co-founded and led 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 the team

#### MusoLive Mux Integration, React (Product Owner and Developer)

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 of projects outcome

#### The Mudkips, Qt (Scrum Master and Developer)

October 2019 - December 2019

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

### EXPERIENCE

#### Saddleback College

Mission Viejo, CA

Computer Science Tutor

June 2019 - August 2021

- Empowered students to become independent through Socratic tutoring principles, a tool focusing on open-ended questions in order to bringing a person to realize an answer for themselves
- Improved learner's repertoire of skills and knowledge by providing strategies and tips, modeling effective skills and habits with coursework
- Covered topics ranging from introductory to intermediate Java and C++, as well as Data Structures

#### Dhali, Rancho Santa Margarita CA

Rancho Santa Margarita, CA

Website Developer

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

August 2019 - February 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

August 2019 - February 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