

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 demo's) | <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 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 of 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 for 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

- 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

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)

Fall 2019 - Spring 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)

Fall 2019 - Spring 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