

Daniel Basaldua

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EXPERIENCE

iOS Software Engineer - Alarm.com, McLean, VA Jun. 2023 – Present

- Designed and implemented new features using **Swift** and **SwiftUI**.
- Collaborated with cross-functional teams, including product managers and designers, to deliver new features on schedule.
- Wrote comprehensive unit tests, improving code reliability and coverage.
- Utilized **Combine** for real-time data binding and state management.
- Followed **Agile methodologies** and participated in sprint planning, code reviews, and daily stand-ups.

Technical Lead - iCode, Goodyear, AZ Aug. 2020 – July 2021

- Instructed Students according to guidelines provided by iCode in HTML, CSS, Python, Scratch, Alice, MacOS, Agile methodologies, Git, GitHub, and simple circuits.
- Worked independently and as part of a team.
- Performed under pressure while demonstrating strong **problem-solving** and **analytical skills**.
- Provided communication and updates to parents weekly.

EDUCATION

B.S Computer Science Aug. 2021 – May 2023

Arizona State University, Tempe, AZ 3.99 GPA

- Relevant Coursework: Principles of Mobile Application Development, Human-Computer Interaction, Software Quality Assurance and Testing, Database Management

A.S. Computer Science Aug. 2018 – May 2021

Estrella Mountain Community College, Avondale, AZ 4.0 GPA

- Relevant Coursework: Advanced iOS App Development, Intro to iOS App Development

PROJECTS

Pokédex, Class Project Fall 2022

- Developed an iOS app in Swift and SwiftUI that allows users to retrieve stats, moves, search, and compare the original 151 Pokémon.
- Set up a local **PostgreSQL database** to store all Pokémon data and established a connection using PostgresNIO.

Chess Clock, Personal Project Fall 2022

- Designed and created a chess clock app with Swift and SwiftUI to limit players' time in a friendly game of chess.
- Used the **MVVM** (Model, View, View-Model) architecture and followed traditional mobile development conventions.

TECHNICAL SKILLS

Programming Languages and Frameworks: Swift, SwiftUI, UIKit, Combine, CoreData, C#, C++, Python

Databases: PostgreSQL, MySQL

Developer Tools and OS: Git, GitHub, Google Firebase, Xcode, VS Code, IntelliJ, Jira, MacOS, Windows, Linux

CERTIFICATES

- Certificate in iOS App Development from Estrella Mountain Community College
- Certificate in Programming from Estrella Mountain Community College