Daniel Basaldua



EDUCATION

B.S Computer Science

Expected 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

EXPERIENCE

iCode, Goodyear, AZ: Technical Lead

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 on a weekly basis.

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.

Food Recipe Finder, Class Project

Fall 2022

- Contributed to creating an app with Swift and SwiftUI that allowed users to search, find, and save recipes retrieved from an API.
- Integrated **Google Firebase** into the app to handle storage and authentication.

Exist – iOS Game, Class Project

Spring, 2021

• Developed an iOS Game with Swift, **UIKit**, and SpriteKit that stored the player's highest score.

TECHNICAL SKILLS

Programming Languages and Frameworks: Swift, SwiftUI, UIKit, CoreData, Java, C++

Databases: PostgreSQL, MySQL

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

CERTIFICATES

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