Daniel Basaldua

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Education

Arizona State University   Tempe, AZ
Bachelor of Science in Computer Science   Expected May 2023
Cumulative GPA: 3.99/4.0

- Relevant Coursework: Principles of Mobile Application Development, Data Structures and Algorithms, Human Computer Interaction, Software Quality Assurance and Testing, Principles of Programming Languages, Database Management, Software Engineering, Information Assurance, Operating Systems, Theoretical Computer Science

Estrella Mountain Community College   Avondale, AZ
Associate of Science in Computer Science   Aug. 2018 – May 2021
Cumulative GPA: 4.0/4.0

- Relevant Coursework: Advanced IOS App Development, Intro to IOS App Development, Object-Oriented Programming, MYSQL Database, Interpersonal Communication

Experience

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

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

Projects

Original 151 Pokémon Database, Class Project

- Used a PostgresSQL database along with Swift and SwiftUI to create a Pokedex app that allowed users to retrieve stats and moves, search, and compare all original 151 Pokémon.

Chess Clock, Personal Project

- Created and designed a simple chess clock app with Swift and SwiftUI to time the moves each player makes in a game in order to play with a friend.

Food Recipe Finder, Class Project

- Contributed to creating an app with Swift, SwiftUI, and Google Firebase that allowed users to sign up, search, find, and save recipes retrieved from an API.

Technical Skills

Languages and Frameworks: Swift, SwiftUI, UIKit, CoreData, Python, Java, C++, C#, C, HTML, CSS.
Databases: PostgresSQL, MySQL
Developer Tools/OS: Git, GitHub, Google Firebase, XCode, VS Code, Intellij, Jira, Taiga, Junit, Figma, Astah, MacOS, Windows, Linux

Certificates

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