

Angel Badillo Hernandez

Software Engineer

Phone Number +1 (940) 224-1568

Email badilloa022402@gmail.com

LinkedIn linkedin.com/in/angel-badillo-hernandez/

GitHub github.com/It-Is-Legend27/

EDUCATION

Bachelors Of Science in Computer Science

Midwestern State University, Wichita Falls, Texas

GPA 3.86

December 2023

Relevant Coursework

- Mobile Application Development with Flutter & Dart
- Computer Communications and Networks
- Advanced Structures and Algorithms in C++
- Introduction to Computer Architecture
- Linear Algebra
- Calculus I
- College Algebra
- GPU Programming in CUDA C/C++
- Object-Oriented-Programming in C++& Python
- Logic Design
- Data Structures and Abstract Data Types in C++
- Plane Trigonometry
- Calculus II
- Introduction to Operating Systems

Awards & Honors

- President's Honor Roll Fall 2022
- President's Honor Roll Fall 2020
- High Achieving First Semester Student
- President's Honor Roll Spring 2022
- Pratt & Whitney Scholarship

Extracurricular Activities

- Spanish Club Vice President
- Member of Application and Electronic Prototype Development research group
- Spanish Club Social Media Coordinator

EXPERIENCE

Student Assistant

Midwestern State University

Jan 2023 - Present

- Mentoring and tutoring individual students needing additional help in Computer Science
- Providing assistance to Computer Science students to support their learning objectives
- Explaining complex computer concepts into simple terminology

Assembly Line Worker

Rapco Parts Company

May 2020 - Aug 2020

- Put in team leadership roles to delegate tasks with other crew members
- Performed calibration and maintenance of equipment to ensure safe, optimal performance
- Discarded hazardous materials in properly marked containers to avoid injuries or contamination
- Assembled components with minimal supervision, exceeding expected deadlines

TECHNICAL SKILLS

- Development in Python for 3 years
- Development in C/C++ for 3 years
- Coded in JavaScript and TypeScript for 3 months
- Developed Mobile Apps using Dart and Flutter Software Development Kit

- Implemented Windows Forms Apps utilizing C# and the .NET Framework
- Coded RESTful APIs in Python for use in Mobile Applications
- Proficient with Visual Studio, Visual Studio Code, and Android Studio
- Proficient in Microsoft Office

SOFT SKILLS

- Organizational leadership
- Dependable and responsible
- Internal and external communications
- Performance improvement
- Digital proficiency
- Social media oversight
- Project management

LANGUAGES

English - Native

Spanish - Native

PROJECTS

Food Truck App

Developed a cross-platform application that locates food trucks. Coded the application in Dart, utilizing Flutter Software Development Kit to provide cross-platform capabilities. Implemented login and registration system using Firebase Authentication. Food truck data is stored and retrieved from Firebase Realtime Database. Food truck locations are displayed on an embedded Google Maps screen as pins.

Utilizes: Dart, Flutter Software Development Kit, Android Studio, Google Maps API, Firebase Authentication, Firebase Realtime Database, Git, GitHub.

Weather App

Developed a cross-platform application that retrieves current weather data from OpenWeather API and displays it to the user. Coded the application in Dart, utilizing Flutter Software Development Kit to provide cross-platform capabilities. Implemented a search feature that allows user to enter various cities and view weather data for said cities. Implemented a feature to retrieve weather data using the user's current location.

Utilizes: Dart, Flutter Software Development Kit, Android Studio, Visual Studio Code, OpenWeather API, Git, GitHub.

Painter App

Developed a Windows Forms application that allows the user to: select different brush sizes, select different brush colors, and paint on a panel. Coded the application in C#, utilizing the .NET Framework to make use of existing libraries in the application.

Utilizes: C#, .NET Framework, Visual Studio, Git, GitHub.

Quiz App

Developed a cross-platform application that displays true/false questions to the user. It displays the results of the quiz and a "finished" message once the user answers all the questions, then prompts the user to restart the quiz. Coded the Application in Dart, utilizing Flutter Software Development Kit to provide cross-platform capabilities. Implemented a RESTful API in Python utilizing the web framework FastAPI for the purpose of making get requests from the app to retrieve the necessary data for the quiz.

Utilizes: Dart, Flutter Software Development Kit, Android Studio, Visual Studio Code, Python, FastAPI, Git, GitHub.