Jeffrey Baker
Software Engineer

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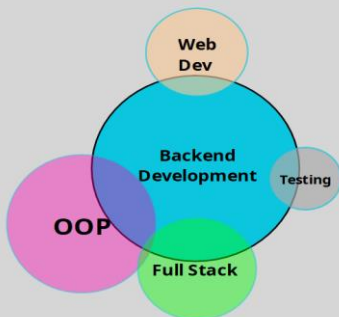🌐 zaxxus87.github.io/

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⌨ Zaxxus87

Technical Skills
Overview

Skills

Languages: C#, Python, Java, C++, SQL
ARM Assembly, Javascript
Design Formats: HTML, CSS, Bootstrap
Testing: Selenium, NUnit, XUnit
Version Control: Git/Git-hub
OS/IDEs: Windows, Linux, Visual Studio
Hosting: Microsoft Azure Cloud Services

Education

Software Development Program
Specialization: C#, .NET Core
TrueCoders
2021 | Birmingham, AL

21 Credit hours of CS courses 200+
University of Alabama in Huntsville
2016 – 2020 | Huntsville, AL

Masters of Education – Mathematics
Auburn University
1994-1996 | Auburn, AL

Summary

Full Stack Developer with a diversified background in multiple languages, applications and platforms with the ability to analyze, design, and produce robust code. Comfortable with agile style development, object-oriented design, UML diagrams, code analysis and refactoring, and advanced mathematical concepts. A lifelong learner, constantly applying new concepts and upgrading skills.

Projects

Best Buy CRUD Database
C# | MySQL | ASP.NET | Dapper | Hosted with Azure
ASP.NET MVC website using a mock database of Best Buy products with ability to perform CRUD operations. Uses Dapper for the ORM and MySQL for the database.
Link: https://demomvcapplication.azurewebsites.net/

Weather App: Current City Temperature
C# | .NET Core | JSON | Restful API
Console application where a user is asked to input a city and the current temperature of that city is returned.

Project: Geolocation Project
C# | .Net Framework | Console APP (.NET Core) | GeoCordinate API | XUnit Testing
Console application that reads data from a file containing the names and locations of all the Taco Bells in Alabama and outputs the 2 stores that are the furthest apart and their distance in miles.

Project: Login Verification Test
C# | .NET Core | Selenium | NUnit Testing
Checks to see if a successful login in occurs from a homepage of a test website Tests were designed with NUnit Test cases using a Page Object Design Model and Selenium as the automated testing tool in a chrome browser.

Certifications

Python Entry Level Programmer: PCEP – 30-01 [NP]
Professional Scrum Master: PSM I

Experience

Developer/Training Consultant   Oct 2020 – Dec 2020
Avilution LLC, Huntsville, AL   Temporary (3 months)
As part of a three-month contract, I was trained on XFS, a proprietary avionics and mission systems software. The software was Linux-based and written in C. I helped develop the training course used to train new developers of the platform which included a high-level overview, platform configuration and driver creation and installation.

High School Computer Science Teacher   Sept 1996 – May 2021
New Century High School – Huntsville, AL