

Benjamin Sands

Software Developer

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Summary

I am a software developer with a focus in C# and .Net based applications. I can comfortably work as both group leader or member and confidently communicate with both my peers and superiors, as well as the ability to function independently or under pressure.

Technologies

- C#
- ASP.NET Framework
- Java Script(ES6)
- HTML 5
- CSS
- SQL
- MySQL
- Git
- Unity game engine
- Visual Studio 2019
- Arduino
- Linux

Education

- True Coders

A lecture and project-based training course designed to fill the need for Programmers and IT specialists. Focuses on C# and .NET framework, as well as SQL, and Javascript.

- Montana State University, Bozeman

Mechanical Engineering

- FreeCodeCamp

A free, exercise based educational website for HTML, CSS, and JavaScript.

- SoloLearn

Free online flash card learning system, used for C#, SQL, HTML, JavaScript, and CSS.

I have used it to supplement learning C#, SQL, HTML, JS, CSS, C, and C++

Experience

AnimeAPI

A MVC Web Application that utilizes ASP.NET and the Jikan MyAnimeList database API to create a search engine to display titles that are related to the user input.

Rat-Slayer

A text based command line adventure game hard coded in Visual studios using C# and makes use of the .Net Framework. Keeps track of a basic level up system, HP, MP, and EXP while going through a dungeon of enemies to fight. Hidden damage point stats and rng for attack misses and enemy experience drops.

Geolocator for franchise chains

Used to parse a text file containing the name and coordinates of a list of franchise businesses and determine the distance between the farthest two in miles. Makes use of the .NET framework and GeoCoordinatePortable to use the GetDistanceTo() to accurately determine the distances.

Pong

It is the classic first commercial success for video games, PONG. Built in unity 2D, created movement, a scoreboard, and minimalist art. Uses C# in the player controller.

Mock Best Buy Database MVC App

An MVC application that utilizes a MYSQL database, C#, and ASP.NET to display a CRUD website for a business or warehouse to easily add, modify, or delete items in an inventory.

Swanson Kanye Conversation API App

Using two random quote API's I simulate a conversation between Ron Swanson and Kanye West.