

# Justus Montgomery

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## Summary

Experienced full stack software developer with a diverse background in object-oriented programming and web development. Currently holds a Bachelor's of Business, with minors in Administration and Marketing Communications & Technology from the University of North Alabama, as well as a Certification in Software Engineering from TrueCoders Academy of Huntsville, Alabama.

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## Skills

C#, ASP.NET MVC, .NET Framework, NuGet package Manager, MySQL, Git, GitHub, HTML, CSS, JavaScript, Node.JS, NPM (Node Package Manager), Python, JSON, CSV, PIP (Package Installer for Python), Visual Studio Code, Visual Studio 2019, Slack, Microsoft Office, Windows OS, Mac OS, Pro Tools, Studio One, iMovie

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## Education

### University of North Alabama – Florence, Alabama

Graduated May 2018

Bachelors of Science: Business

Minors: Business Administration, Marketing Communications & Technology

- Phi Kappa Phi Honor Society, 2016
- Dean's List, 2013 - 2016
- GPA: 3.39
- Kappa Sigma Fraternity (Secretary)

### TrueCoders Academy – Huntsville, Alabama

Graduated October 2020

Certification in Software Development, Web Development

- Created in depth projects scaling from desktop applications to web forms and web applications
  - Worked with teams to find solutions to business/consumer problems through software development
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## Experience

### Data Analyst: Kudzoo Trading, LLC

Aug 2013 – Oct 2019

- Created trading systems based off market data to be implemented with accounts for profitability from the market
- Manually analyzed daily market data to find profitable trends, as well as tested trading theories using live market data, which were created based off live market data
- Increased profitability of accounts by 13% in one quarter from my discovery of a niche in the market trend
- Created and held presentations displaying collected data and tests as proof of profitability of custom trading strategies

### Help Desk, Customer Service Management: Sutherland Sight & Sound

Oct 2014 – Nov 2016

- Worked with clients to troubleshoot problems with all products and services, as well as made on-site calls for hands on troubleshooting and teaching the use of hardware and software
- Completed installations for business clients and consumers, several contracts being worth over \$150,000, as well as offered out-of-the-box solutions to keep client contracts and clients happy

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## Technical Projects

### CRUD ASP.Net MVC Database Management Website

ASP.Net MVC | .Net Framework | MySQL | C# | HTML | CSS | JavaScript | jQuery | Razor View | JSON |  
Dapper Pkg | MySQL.Data Pkg |

- Used model, view, controller architecture to build a dynamic website for database management
- Created 2 controllers, one for the home page, and one for the product page to take input from the user from the view
- Created 6 views to display information gather from the models and database, chosen by the decision of the user of how to manipulate the data
- Created 5 models, each with their own custom methods of how they connect to the database, and the queries of those databases based off the input from the user
- Implemented CRUD methods to create, delete, read, and delete products from the database, as well as input specific information about a product when creating or updating a product
- Implemented a sleek, modern theme to the website for ease-of-use and understanding of displayed information

### CRUD Console SQL Database Management Program

.NET Framework | C# | Console Application (.NET Core) | MySQL | Dapper Pkg | JSON |

- Creating a connection path to a localhost for a database with fictional data for Best Buy.
- Allows the user to make any changes to data needed without using the MySQL Workbench
- Can be integrated into other applications to provide data and create it to and from the UI or controller
- Created an organized file structure for ease of access and understanding for other developers, as well as summaries for all custom classes and methods.
- Made use of Dapper for MySQL and JSON files to establish connection to the database.

### Geolocation Distance Compiler

C# | .Net Framework | Console APP (.NET Core) | GeoCordinate Pkg | XUnit Pkg | CSV |

- Created Unit tests with the XUnit package to checkout custom Parsing method for accuracy.
- Implemented the GeoCordinate package to read and organize coordinate data according to distance.
- Implemented an Interface to apply attributes to a child class that eventually becomes the main object that holds all the attributes for every Taco Bell location.
- Created a custom value type using a structure named "Point" that holds a double value type for latitude and longitude values to pass into the ITrackable interface.
- Created nested for loops to enumerate over each location points in a parsed array while comparing them to all other arrays' locations, then replaces the value in a variable that holds the location of the furthest distance from the origin location within the first loop.
- Used string interpolation to present the two furthest locations including city name, longitude, and latitude.

### CRUD Note Taking Program:

C# | .NET Framework | Windows Form Application (.NET Core) |

- Created a simple organized UI with Windows Forms as a Desktop Application for input of information. Included 4 buttons: New, Save, Load, Delete - each manipulating the data array holding the titles and bodies to past saved notes.
- Created a data grid table to organize the notes by title name. Each note entry is selectable to use with the load and delete functions.