



# Gregory Reeves Jr.

## Software Engineer

Self-driven and highly motivated software engineer with versatility and competence in multiple programming languages, libraries/frameworks, and team communication. Open to software engineering and scrum master positions.


gregoryreevesjr@gmail.com 

601-672-8237 

Houston, USA 

greeves63.github.io 

linkedin.com/in/gregory-reeves-jr 

github.com/greeves63 

## SKILLS

Languages: C#, Kotlin, Python, JavaScript, Ruby

Frameworks: .NET, ASP.NET Core

Databases: SQL, MySQL

Front-End: HTML 5, CSS, Bootstrap

Developer Tools: Git/GitHub, Visual Studio

Team Communication Tools: Slack, Discord

Methodology: Object Oriented Programming -OOP, MVC

Dapper ORM

JSON

Web API, REST APIs

Inventor/CAD

## PERSONAL PROJECTS

### CRUD Database Website: C# | ASP.NET Core MVC | SQL | HTML | CSS | JavaScript

- Application takes advantage of dependency injection by using an IoC container to handle the newing up of objects
- Used a MySQL database on the backend for data storage
- Created a ProductRepository model with CRUD methods for inserting new products, displaying products, updating a product, and deleting products
- ProductController links the models to the views and calls the correct views to display depending on the user's interaction

### TacoParser Project: C# | .NET Core | SQL | xUnit

- Uses a CSV file or a SQL database to populate an IEnumerable called locations
- Test-Driven Development using xUnit ensures that invalid or missing data is handled correctly
- If the data is out of bounds or cannot be parsed, then the parse method returns null
- Utilizing the Geolocator NuGet package, the program will calculate the two farthest Tacobells

### KanyeREST: C# | .NET Core | JSON | API

- Simulates a conversation between Kanye West and Ron Swanson through API calls
- Uses the Newtonsoft.JSON NuGet package the program will make a call to the Kanye URL and parse the JSON object into a string called kanyeQuote
- Application makes a call to the Ron Swanson API and parses the JSON Array into a string called swansonQuote
- Program will "chat" using a loop to simulate the two talking back and forth until the loop finishes execution

### Best Buy CRUD Database Console: SQL | C# | .NET Core

- BestBuy database simulates an inventory management system and employee sales records
- Demonstrated CRUD operations through a console user interface
- Implemented a repository pattern to isolate the data access logic and business logic in order to allow for a more loosely coupled approach to data access from a sample BestBuy database

### Hashketball Application: Ruby

- Demonstrates Nested Data Structure-Processing Process
- Coding interacts with the game\_hash method
- Builds a nested data structure from text and data stored in tables
- Processes designed using the nested data structure to produce insights about how various players performed

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## EDUCATION

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### Software Engineering Student

TrueCoders [↗](#)

06/2020 - 08/2020

*TrueCoders training program is a project & lecture-based training program aimed to fill the growing need for data science & software development jobs.*

*Achievements/Tasks*

- Over 500 hours of intensive, project-based training in programming languages such as SQL, C#, .NET Core, Git, ASP.NET MVC, HTML, CSS, and JavaScript
- Managed SQL databases using the CRUD operations in MySQL
- C# and SQL Projects were tracked in Git and GitHub for source control
- Team communication methods using Slack and Discord platforms
- Projects include multiple personal and group-oriented tasks involving multiple programming languages

### B.S. Computer Engineering Technology

University of Southern Mississippi

08/2000 - 05/2005

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## ORGANIZATIONS

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NSBE - (National Society of Black Engineers)

*Region 5 Professionals Chair 2020 - 2021*