

JONATHAN GILMER

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EDUCATION:

FULL-STACK SOFTWARE ENGINEERING BOOTCAMP

TrueCoders — Certified for completing 500+ hours of intensive lectures, personal and group project-based training in technologies such as: C#, SQL, JavaScript, .NET Core, APIs, JSON, ORMs, Unit Testing, ASP.NET Core MVC, HTML, CSS, and Git.

M.F.A. MUSIC COMPOSITION FOR THE SCREEN Columbia College Chicago

B.M. COMPOSITION & MUSIC TECHNOLOGIES LaGrange College

PROJECTS:

**To view project demonstration videos, please visit:* [youtube.com/playlist?](https://youtube.com/playlist?list=PLsbQhp3fEtCoFfqs0zZEE4RowFICn73N)

[list=PLsbQhp3fEtCoFfqs0zZEE4RowFICn73N](https://youtube.com/playlist?list=PLsbQhp3fEtCoFfqs0zZEE4RowFICn73N)

ANIME ANALYTICS — ASP.NET Core MVC | C# | API | JSON | CSS | HTML

Web application providing thousands of pages of anime information and recommendations

- Built using C# on ASP.NET Core MVC framework with Visual Studios 2019 (Mac)
- Sends requests to multiple Rapid API endpoints using user input
- Deserializes JSON Array data obtained from APIs and stores it in Models
- Views use Razor syntax, CSS, and HTML 5 to display requested information
- HTML ActionLink methods grant users the potential to access thousands of pages created from a single base View

BEST BUY MVC DATABASE — ASP.NET Core MVC | C# | SQL | Dapper | HTML

A web application granting users the ability to simulate managing the inventory database of a Best Buy store

- Utilizes C# with Dapper as the ORM to query and write to the MySQL database
- Supports full Select, Insert, Update, and Delete functionality, allowing users to query/edit items to and from the MySQL database.
- Displays Views using Razor syntax and HTML forms to trigger Controller actions

TACO PARSER — C# | .NET Core | LINQ | xUnit

A console application that compares a list of coordinates and returns the 2 with the greatest distance between them

- Demonstrated Test-Driven Development by using xUnit to develop unit tests
- Parses .CSV file data using C# with LINQ
- Implements GeoCoordinate class with loops to cycle through coordinates to compare locations

ZOO API — C# | .NET Core | SQL | Dapper

A custom web API that supports with a SQL database featuring zoo animals and their various details.

- API Built with ASP.NET Core and C#, with Visual Studios
- Database built with MySQL Workbench
- Supports full CRUD (Create, Read, Update, Delete) functionality and a multi-origin CORS configuration
- CRUD abilities tested with Postman

PORTFOLIO WEBSITE | HTML | CSS | JavaScript | Photoshop

A modern webpage built to display notable portfolio projects

- Created with HTML 5, CSS with Bootstrap and VS Code as the IDE
- Drawbar/Header movement powered by simple JavaScript programming
- Utilized Photoshop to create and customize .JPG images and create vector art