TIM HONCHEL

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.NET DEVELOPER --

Specializing in ASP.NET Core MVC framework. C#, SQL Server/MySQL, Entity Framework/Dapper ORM on backend. JavaScript, HTML, CSS on front. Azure deployment. Git version control. Visual Studio editor.

EDUCATION --

TrueCoders | Full-Stack Software Engineering | Nov 2021 – Jan 2022
Earned certificate for 500+ hours of intensive training in technologies such as C#, SQL, ORMs, JavaScript, HTML, CSS, frameworks, libraries, APIs, JSON, deployment, repositories, and Git. Trained in SOLID principles, Test-Driven Development, REST, and other fundamentals of OOP.

Codecademy | Programming | Sep 2021 – current
Earned course certificates for "Data Structures and Algorithms," "Web Apps in Flask," and "Python 3."

Asbury University | Business Management | Aug 2008 – May 2011
Earned Bachelor of Arts degree, graduating in 3 years with 3.96 GPA.

PROJECTS ---

View these and other projects on Portfolio Website: https://tim-honchel.github.io/

Historical MLB All Stars | C# on ASP.NET Core MVC with SQL Server, EF, Azure, JS, HTML
- Generates 25 player all-star team for any time period and team entered into form.
- JavaScript functions validate the time period, manage image slider, and facilitate a loading page.
- Uses HttpClient class and threading to asynchronously get HTML from 11 interpolated web pages.
- Uses HTML Agility Pack to parse HTML into player objects with statistics as attributes.
- C# functions construct a roster with the top statistical players who meet certain criteria.
- Entity Framework ORM saves results in SQL Server database, bypassing future web scraping.
- Deployed with Azure App Services and Azure SQL Database.

Best Prize Store | C# on ASP.NET Core MVC with MySQL, Dapper, Azure, HTML, CSS
- Website where educational programs create their own online store for students.
- MySQL tables for admins, stores, students, prizes, orders, and deposits.
- ASP.NET models, views, and controllers for each table, with Dapper serving as ORM.
- C# repository design pattern for performing CRUD operations to database.
- Authentication with Xact encrypted passwords. Authorization using static class properties.
- Data validation with dropdown lists. Error handling with try-catch statements.
- Deployed with Azure App Services and Azure Database for MySQL.

Predictive Keyboard | JavaScript on Electron with HTML, CSS
- Alternative for devices that lack a built-in keyboard, such as TVs or game consoles.
- JavaScript event listeners trigger 5 primary functions (up, down, left, right, center).
- Primary JavaScript functions contain the entire program flow, calling secondary functions based on switch-case logic, loops, and global variables. Calculates most likely characters and words.
- Extensive use of arrays, LINQ methods, and inner HTML modification.

WORK EXPERIENCE ---

Executive Director | Kids in New Directions | Sep 2019 – Oct 2021
Increased student attendance by 12%, cash reserves tenfold, and cut staff turnover by 75%.

Business Planning Consultant | Honchel Consulting LLC | Dec 2012 – Aug 2019
Provided market research, financial analysis, project management, and recruitment services.