TIM HONCHEL

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.NET DEVELOPER --

Full-stack engineer specializing in the ASP.NET Core MVC framework. C#, MySQL, and Dapper ORM on the backend. JavaScript, HTML, and CSS on the frontend. Azure for deployment. Git for version control. Visual Studio for editing. Python experience.

PROJECTS ---

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

Best Prize Store | C# on ASP.NET Core MVC with MySQL, Dapper, Azure

- Marketable website where educational programs create their own online store.
- Students log in, see their account balance, and purchase rewards.
- Administrators manage student accounts, prizes, orders, and deposits.
- Authentication with Xact encrypted passwords. Authorization using static class properties.
- Data validation with dropdown lists. Error handling with try-catch statements. SQL injection prevention with parameterized queries.

Predictive Keyboard | JavaScript on Electron

- Alternative for devices that lack a built-in keyboard, such as TVs or game consoles.
- With each keystroke, finds possible queries, calculates probability of next typed character.
- Arranges on-screen keyboard that centers the likeliest keys to minimize movement and time.
- Event listeners trigger 5 primary functions (up, down, left, right, center).
- Primary functions contain the entire program flow, calling secondary functions based on switch-case logic, loops, and global variables. Extensive use of arrays and LINQ methods.

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 certificates for online courses such as "Learn Python 3" and "Build Python Web Apps in Flask." Currently completing "Learn Data Structures and Algorithms with Python."

Asbury University | Business Management | Aug 2008 – May 2011

Earned Bachelor of Arts degree, graduating in 3 years with 3.96 GPA.

WORK EXPERIENCE --

Executive Director | Kids in New Directions | Sep 2019 – Oct 2021

- Promoted to Executive Director in Nov 2020 after originally serving as Program Coordinator.
- Navigated COVID to provide ongoing educational programming to K-8 students in Dayton.
- 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 ongoing or one-time services to non-profit directors and small business owners.
- Included market research, financial analysis, project management, and recruitment.