

TIM HONCHEL

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SUMMARY

C# developer specializing in ASP.NET Core MVC framework. 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. Seeking entry-level engineer position.

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 | Oct 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.