MARK OTTERSON

otterson.2@gmail.com
https://www.maotterson.com

SUMMARY

An aspiring web/software developer with a passion for learning new technologies and solving problems. Seeking an opportunity to help develop web-based solutions.

TECHNICAL SKILLS

- **Languages:** C#, Java, PHP, Go, Python
- **Front-End:** JavaScript, HTML5, CSS3
- **Front-End Frameworks:** Vue.js/Nuxt.js, Angular, Svelte, jQuery
- **Back-End Frameworks:** Node.js/Express.js, ASP.NET Core, Laravel, Django
- **Design Patterns/Strategies:** MVC, MVVM, REST/RPC APIs, MEVN, JAMStack, LAMP
- **Cloud Platforms/Technologies:** DigitalOcean, AWS, Azure, Google Cloud, Docker, GitHub, Netlify, Strapi
- **DBMS**: MongoDB, MySQL
- **Other**: MS Office, MS PowerApps, Adobe Creative, Postman, Bash, Powershell, git
- **Accounting, marketing, business operations and management coursework in attaining business minor.**

QUALIFICATIONS

- Almost three years of professional tutoring experience in software/web development and math at a local community college.
- Six months of personal full-stack freelance web development experience, projects including:
  - MEAN project to display current COVID-19 vaccination appointments in Ohio.
  - In-house web applications (Node.js REST API, ASP.NET Website) to automate student check-ins for tutoring with our department's system.

EDUCATION

The Ohio State University, Columbus, OH .... September 2006--June 2011
B.S. Mechanical Engineering, Minor: General Business
Projects included designing and implementing a real-time home power consumption monitoring device in an apartment using Arduino.
Overall GPA (4.0 scale): 3.31

Lorain County Community College, Elyria, OH .... January 2018—December 2019
Web Programming & Software Development Fundamentals Certificates + Miscellaneous Courses
Projects included designing a database-driven website with ASP.NET, AJAX and web forms that evaluated fantasy football trades, and an Android SDK geography guessing game.
Overall GPA (4.0 scale): 4.00

RELEVANT WORK EXPERIENCE

Lorain County Community College – Academic Support Center, Elyria, OH
Professional Tutor (January 2019—Present)
- Assist students on a walk-in basis with coursework for Computer Information Systems classes
- Development of a greenfield automated check-in web application for incoming students, consisting of REST API written in Node.js relaying data from various Microsoft Graph services and a MongoDB database.
- Primarily deal with coursework pertaining to concepts in object-oriented programming, scripting in the client-server environment, and database design (C#, Java, ASP.NET, JavaScript, PHP, AJAX, SQL)