Matt Herbert

Software Engineer

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Profile

Developer fluent in JavaScript, React, and C# with a professional background in business development, database design, and entrepreneurship.

Education

Epicodus - Full Stack Coding Bootcamp

May 2022 - December 2022
- Completed 25-week full-time program.
- Built over 60 projects using HTML, CSS, JavaScript, C#, and React.
- Further developed collaboration skills through daily pair programming and group projects.

Non-Degree Langauge Program, National Taiwan University

2018 - 2020
- Advanced reading, writing, and spoken Chinese

B.S. Biochemistry and Molecular Biology, University of California, Santa Cruz

2014 - 2018

Experience

Co-Founder, Ohla Mexican Kitchen

September 2021 - January 2022
- Head Chef: menu design, ingredient sourcing, and meal presentation
- Managed all marketing activities (social media and print) leading to a consistently high conversion rate (+5%) on delivery apps

Project Specialist, Instant NanoBiosensors

March 2020 - September 2021
- Worked closely with senior sales leaders to develop better methods to analyze business performance vs. business goals using Tableau
- Managed international joint projects involving logistics, communication, and time-sensitive sample testing
- Managed and set up a joint biobanking system across multiple companies and institutions connected by LIMS

Projects

NationalParksAPI
- Built an API to list national parks and the states they exist in using C#/.NET
- Designed a MySQL database using Entity framework
- Implemented Register/Login feature tied to JWT authorization on the client side app

Seung Lee's Animal Gauntlet (link to API)
- Built front-end client using C# and .NET MVC framework
- Built custom API with C# to facilitate account creation, team creation, and the battle system
- Styled with custom CSS and JS

The Cardano Watch
- Developed the site using PHP to fetch records from the MySQL database and run business logic
- Designed a MySQL database with tables for each entity relating to the crypto initial stake pool offering
- Scheduled a recurring cron job to fetch chain metadata from a crypto API to display on front-end
- Created a responsive, detailed layout in HTML and styled with custom CSS

Skills

React, JavaScript, C#/.NET, Entity, PHP, MySQL, NoSQL, CSS/HTML, Bootstrap, Firebase, Webpack, Git/GitHub, Web hosting