Michael Corrieri

(410) 218-3763 | mlcorrieri@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Full Stack Developer

Full Stack Developer with experience using frontend and backend technologies such as JavaScript, React, Ruby, Rails and Node. My previous experience in Public Health taught me the importance of data analysis and sparked my interest in software engineering. Whether I'm on a construction site or pair-programming I take pride in collaborating and understanding my team's perspectives. I am driven to keep learning and building my software engineering skills while solving problems.

Technical Skills

Languages: JavaScript/HTML/CSS, Ruby, SQL
Frameworks and Libraries: React.js, Ruby on Rails, Node.js, Three.js, MongoDB, Material-UI
Tools: Git, Jira, JWT, Netlify, Firebase

Projects

Fishy   [GitHub](#) | [Demo](#)
App for selling, posting and learning about freshwater fish
- Created a Single Page Application frontend using **React.js** and an **MVC** architecture
- Cultivated an eye catching user experience using **Semantic UI** framework and custom **CSS**
- Implemented **JWT Authentication** to ensure legitimate login and user verification process

Memories   [GitHub](#)
Full CRUD application to blog and post memories and locations with friends
- Utilized **React** to update specific DOM elements for fast component modification
- Created fully specified RESTful backend using **Node.js**, **Express.js** and **MongoDB** (**MERN**)

COVID-19 Vaccine Analysis   [GitHub](#) | [Demo](#)
Public Health information app which graphically represents vaccination rates in the US
- Employed **ChartJS** to display **CSV** data associated with unique state vaccine allocation over COVID-19 pandemic
- Executed various **Active Record** customized methods to query and retrieve appropriate indexes quickly and efficiently

Experience

The Coding Space   New York, NY
 Coding Instructor   2021 – Present
- Teaching students the basic principles of computer programming via Scratch and JavaScript using the Socratic method and scaffolding
- Demonstrating programming methods including variables, loops, boolean logic, objects, and conditional branching

Kynoch Environmental Management   Chevy Chase, MD
 Industrial Hygienist   2019 – 2020
- Worked alongside Project managers, Superintendents and other site supervisors to assess and manage environmental and occupational health hazards
- Created and Updated moisture control logs and technical reports based on client requirements

Education

Flatiron School   New York, NY
Full Stack Software Engineering Bootcamp - JavaScript, React, Ruby, Rails, HTML, CSS   June 2021

Louisiana State University Health Sciences Center   New Orleans, LA
Master of Public Health (4.0 GPA)   May 2019

University of Maryland, College Park   College Park, MD
Kinesiology B.S.   December 2014