

MARK J DRUMMOND



github.com/mjamesd

portfolio: www.markdrummond.me



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Seattle, Washington

PERSONAL STATEMENT

I have been passionate about web development since I was a teenager. I began teaching myself to code when I was 15 and was proficient in PHP & MySQL by the time I graduated high school. During college, I took on a few small clients and worked as a web developer at two small businesses. When I moved to Seattle, I established a career in and passion for public health but always missed the creativity and problem solving of web development. As soon as I had the resources, I pursued a certificate in full-stack web development through the University of Washington. I am excited to pursue this career again and I am seeking employment as a full-stack web developer.

QUALIFICATIONS

- ✓ Customer Service Skills: Experience in a variety of customer service settings, most recently in managing participants in clinical research. Friendly and professional communication style. Customer-centered attitude. Excels at customizing solutions to meet clients' needs.
- ✓ Full-Stack Web Development Skills: Proficient in HTML5, accessible web, CSS3, Bootstrap, Materialize JS & CSS, JavaScript ES6, jQuery, Node.js, Express.js, ReactJS, React Material UI library, Mongoose, GraphQL, PHP, MySQL, MongoDB, WordPress, content management system design and development, OOP, debugging, and conducting tests. Particular focus on mobile responsiveness, web accessibility, and continuing education in web development technologies. Proficient in the web development process, including GitHub, Heroku, DNS, Apache web server configuration, and the Agile development life cycle.
- ✓ Computer Skills: Proficient in Microsoft Windows usage & administration, Microsoft Office Suite, Microsoft Office Visual Basic for Applications, and in the creation of professional documents and presentations. Familiarity with Adobe Illustrator and Photoshop. Proficient in database design and hardware and software configuration and maintenance, including anti-virus. Able to learn new programs and web interfaces very quickly due to knowledge of how they are designed, built, and function.
- ✓ Work Ethic: Proven ability to work well in a fast-paced environment in a team and independently. Proven ability to prioritize, multitask, and put in extra time to meet deadlines. Dependable, adaptable, and solution oriented. Earned the rank of Eagle Scout in the Boy Scouts of America. Have volunteered as an emergency warden in a high-rise medical building since 2009.

WEB DEVELOPMENT PROJECTS

❖ See portfolio at www.MarkDrummond.me

Total Quest

Deployed at <https://www.totalquest.us> | Developed in a team setting as a course project

A mobile-first scavenger hunt web app that uses QR codes placed in physical locations. We developed the project with the MERN stack, React Material UI library, and GraphQL. We were the only group of students to deploy their project to a branded domain, which I spearheaded. I wrote the models, typedefs, queries, and mutations for Mongoose ODM & GraphQL; and the React front-end admin panel.

Pressed Words

Deployed at <https://blog.markdrummond.me> | Developed independently as coursework

A blog app with an MVC content management system using Express as the back end and Handlebars as the front end. It utilizes asynchronous JavaScript functions and performs CRUD functions on users, posts, and comments.

TuneSpace

Deployed at <https://mjamesd.github.io/crispy-happiness/> | Developed in a team setting as a course project

A mobile-responsive, API-driven, jQuery and Materialize website that provides information on musicians. I wrote

the JavaScript to fetch and display the API data. I also integrated Materialize JS & CSS into the website.

Weather Dashboard

Deployed at <https://mjamesd.github.io/weather-dashboard/> | Developed individually as coursework

An API-driven jQuery and Bootstrap webapp to check the weather. The user's searches are saved and can be recalled at the click of a button.

University of Washington Virology Research Clinic Customized CakePHP Content Management System

Deployed at <https://depts.washington.edu/vrc> | Developed individually

A full-stack content management system and public-facing website for the VRC using custom PHP, the CakePHP MVC framework, CSS, JavaScript, and MySQL. Integrates a rich-text editor to create and edit content.

University of Washington Vaccine & Treatment Evaluation Unit WordPress Website

Deployed at <https://www.uwvteu.org/> | Developed individually

A WordPress website for the VTEU site at UW VRC. Uses a few WordPress plug-ins.

WORK EXPERIENCE

University of Washington Virology Research Clinic | Seattle, WA

Research Coordinator, Operations Specialist | Feb 2022 – present

Coordinated research studies and clinical trials to support the COVID-19 Prevention Network as well as the clinic's ongoing infectious disease research. Continued to provide IT support and webmaster services. Produced ads in Photoshop and Canva and ran multiple successful concurrent digital ad campaigns to recruit research participants.

Research Study Coordinator I | Nov 2009 – May 2016, Research Study Coordinator II | May 2016 – Feb 2022

Coordinated multiple concurrent investigator-initiated research studies and clinical trials. Designed, developed, and deployed a custom website for the clinic. Created tracking tools and reports using Microsoft Excel VBA macros. Coordinated monthly healthcare web conferences with STD clinic directors and providers across the country. During the COVID-19 pandemic, was instrumental in training new staff and expanding and upgrading the clinic's IT resources. Quickly deployed a WordPress website for COVID-19 vaccine trials. Providing IT support, managed the two websites, and created digital advertising materials with Adobe Photoshop and Illustrator.

Program Assistant I | Aug - Nov 2009

Input research participant data for pandemic H1N1 influenza ("swine flu") vaccine trials. Provided office and IT support to medical and administrative staff.

Principle Strategy | Lawrence, KS

Web/Database Developer | Feb - Nov 2008

Independently worked with Kansas state census and election data to create a database-driven website that finds one's state and federal legislators by one's address. Worked independently to design, build, and launch websites for candidates' election campaigns and for grassroots organizations to get their messages out to voters.

Broadmoor Bistro | Kansas City, KS

Web Developer | Jan 2008 – Sep 2010

Built a full-stack content management system (using the CakePHP MVC framework) for a student-run restaurant in the Shawnee Mission School District of Kansas. The site included an access-controlled CMS to manage pages, images, videos, and documents; multiple restaurant menus; and a reservation system. Integrated the customer's preferred payment system into the site for online ticket sales.

PilgrimPage, Inc. | Lawrence, KS

PHP Web Developer | Feb - Dec 2007

Worked closely with web development and design teams to build database applications and dynamic websites for multiple clients. Used version control software to track progress and collaborate with other developers. Worked on several client and in-house projects at a time to meet development and productivity goals.

EDUCATION

Certificate in Full-Stack Web Development, University of Washington, March 2022

Bachelor of Arts, Political Science, University of Kansas, May 2009