

## MARK J DRUMMOND



[github.com/mjamesd](https://github.com/mjamesd)



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### PERSONAL STATEMENT

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I began teaching myself to code when I was a teenager. At university, I took on a few small clients and worked as a web developer at two small businesses. When I moved to Seattle, I fell out of the field to pursue other interests. But now I'm working towards a certificate in full-stack web development through the University of Washington and am excited to pursue this career again. I am seeking employment as a web developer – front-end, back-end, or full-stack – and look forward to working with you.

### QUALIFICATIONS

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- ✓ **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, CSS3, JavaScript ES6, jQuery, Bootstrap CSS, Materialize CSS & JS, PHP, MySQL, WordPress, content management system design and development, and OOP design principles. Emphasizes mobile responsiveness, web accessibility, and continuing education in web development technologies.
- ✓ **Computer Skills:** Proficient in Microsoft Windows, Windows command line, Microsoft Office Suite, and Adobe Illustrator, and in the production of professional documents and presentations. Proficient in database design, SQL, 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. Have been a volunteer emergency warden in a high-rise medical building since 2009.

### WEB DEVELOPMENT PROJECTS

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#### Melody Medley

Deployed at [https://github.com/jcnolan9/Project2\\_FullStackApp](https://github.com/jcnolan9/Project2_FullStackApp) | Developed in a team setting as coursework  
A full stack MVC content management system to build a music playlist for any occasion using Express, MySQL, Handlebars, and the Bulma CSS framework.

#### TuneSpace

Deployed at <https://mjamesd.github.io/crispy-happiness/> | Developed in a team setting as coursework  
A mobile-responsive, API-driven, jQuery and Materialize website that provides biographies, discographies, and lyrics for musicians of all genres. By pulling data from various databases, we created a centralized hub where users can explore their favorite artists and discover new music.

#### University of Washington Virology Research Clinic Custom PHP Content Management System

Deployed at <http://depts.washington.edu/vrc> | Developed individually  
A full-stack content management system and public-facing website for an infectious disease research clinic in Seattle, Wa, using custom PHP, the CakePHP MVC framework, CSS, JavaScript, and MySQL.

#### University of Washington Vaccine & Treatment Evaluation Unit WordPress Website

Deployed at <http://uwvteu.org/> | Developed individually  
A Wordpress website for a COVID-19 vaccine clinical trial center in Seattle, Wa, using the UW's Wordpress theme. Continue to manage the content including posts and menu items.

## WORK EXPERIENCE

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### **University of Washington Virology Research Clinic | Seattle, Wa**

#### ***Operations Specialist | Feb 2020 – present***

During the SARS-CoV-2 (coronavirus) pandemic, became instrumental in training new staff, upgrading file storage systems, and procuring and configuring new IT equipment including PCs, laptops, tablets, printers, and barcode scanners. Configured, deployed, and manage a WordPress website for the Seattle Vaccine & Treatment Evaluation Unit, and continued to manage the VRC website. Continued to coordinate research studies and clinical trials, including large industry-sponsored coronavirus vaccine clinical trials, as well as other duties as described below.

#### ***Research Study Coordinator II | May 2016 – Feb 2020***

Continued working on investigator-initiated research studies as described below, now including clinical trials of therapeutic vaccines for herpes simplex virus type-2. Coordinated three such clinical trials concurrently for two industry sponsors using different electronic data capture systems. Communicated with principle investigators, biostatisticians, contract research organizations, and laboratories to address issues in a timely manner. Designed and built patient and study progress tracking tools as well as clinical source documents. Accurately entered data into EDC systems with quick turnaround times. Performed continuous quality assurance and quality control throughout each trial and intensively prior to routine monitoring visits. Continued providing IT support, webmaster services, and inventory management. Coordinated monthly healthcare web conferences with STD clinic directors and providers across the country.

#### ***Research Study Coordinator I | Nov 2009 – May 2016***

Coordinated recruitment, scheduling, inventory, laboratory samples, and data for multiple concurrent investigator-initiated research studies related to the herpes family of viruses. Disseminated relevant medical knowledge to the public via phone, email, social media, and the clinic website. Provided IT support for a medium-sized office in a Windows environment. Built and managed the clinic's website. Collaborated with medical directors, managers, clinicians, and other research study coordinators to plan and design the website's features and interface.

#### ***Program Assistant I | Aug - Nov 2009***

Input research participant data into an electronic data capture system with 24-hour turnaround for multiple concurrent H1N1 influenza vaccine trials enrolling over two hundred people. Performed daily quality control and quality assurance on study data. Provided office and IT support to medical and administrative staff.

### **Principle Strategy | Lawrence, Ks**

#### ***Web/Database Developer & Network Administrator | Feb - Nov 2008***

Set up and managed Principle Strategy's office network. 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 includes an access-controlled content management system to manage site pages, images, videos, and documents; multiple restaurant menus; and reservations. It also includes a custom PHP and MySQL reservation system and calendar with which users can place reservations based on open time slots. Integrated the ViaKlix payment system into the site so the restaurant could take online orders.

**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.

## **TRAININGS & CERTIFICATIONS**

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- ✓ Good Clinical Practices (GCP)
- ✓ HIPAA
- ✓ Globally Harmonized System (GHS)
- ✓ Blood-Borne Pathogens
- ✓ Basic Life Support/CPR
- ✓ Eagle Scout in Boy Scouts of America

## **EDUCATION**

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**Certificate in Full-Stack Web Development**, University of Washington, *working towards graduation March 2022*

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