



Conor McDonald

515 E Elmwood Ave
Burbank, CA, 91501
484.326.6252
conormcdonald714@gmail.com
conoremcdonald.com

Skills

Programming Languages

- Objective C, C++
- Java
- JavaScript
- PHP
- Ruby
- R

Web Design & Development

- HTML, CSS, jQuery
- SQL, MySQL
- Node.js, ASP.NET
- Bootstrap, Foundation
- Git, SVN
- Drupal, WordPress
- Vue.js/Nuxt.js
- ArcGIS
- Responsive design
- HCI/UX design

Digital Art & Graphic Design

- Adobe Creative Suite
- Sketch
- Processing.js
- Image processing and editing with Adobe Photoshop & Illustrator
- Video editing and animation with Adobe Premier

Data Science

- Web & database scraping
- Data visualization with R and Processing.js
- Linear regression modeling
- Machine learning modeling

Education

University of Maryland, College Park

Bachelor of Science, Computer Science

Graduated: May 2018

Relevant Coursework:

Software Engineering

· Collaborated with a team of 5 students on a long-term project to develop an application that allowed users to control a virtual arm with head movements.

Human Computer Interaction

· Utilized web and graphic design skills as head UX/UI developer for a semester-long team project. Designed and built a music player web application that can generate playlists for users based on user inputs and preference data collected during use.

Introduction to PHP and JavaScript

· Designed and built web applications that included online forms and database management, and explored web development languages and frameworks.

Work Experience

Full Stack Web Developer

MacGuyver Media, LLC - Glenolden, PA

June 2018 - December 2018

- Developed a web-based database application that generated custom and general reports as downloadable excel files for a health care data company.
- Developed features and managed assets for various web-based applications, websites, and internal tools.
- Communicated regularly with clients to ensure products met quality standards.

Web Design Intern

Office of the Vice President, Division of Administration and Finance - University of Maryland, College Park

September 2016 - May 2018

- Worked with multiple departments and a third party vendor to design templates, compose creative briefs, and draft scopes of work for multiple website redesign and content migration projects.
- Managed content for the Division's primary website (vpaf.umd.edu) through Drupal 7 and quality tested the site throughout its development and implementation.
- Built interactive development map for the Office of Real Estate using ArcGIS Online to detail current and proposed development in partnership with the University in the Greater College Park area.