Conor McDonald

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Skills

Programming Languages

- Objective C, C++
- Java
- Javascript
- PHP
- Ruby
- R
- LISP
- OCAML

Web Design & Development

- HTML, CSS, jQuery
- SQL, MySQL
- Node.js
- Bootstrap, Foundation
- Git, SVN
- Drupal, Wordpress
- Responsive design
- Asynchronous processes
- HCI/UX design

Digital Art & Graphic Design

- Adobe Creative Suite
- Sketch
- Processing.js
- Image processing and editing
- Video editing and animation

Data Science

- Web & database scraping
- Data visualization
- 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
· Worked on a long-term project with 4 students to develop 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 basic web pages and 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 Excel based reporting systems in a web based application for custom and generalized reports for a health care data company.

· Contributed in developing various web-based applications, websites, and internal tools.

· Communicated regularly with clients to ensure products met quality standards.

Office Assistant/ 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.