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PROFESSIONAL EXPERIENCE

Lead Front-End Developer

John Hancock Financial Services - Boston, Massachusetts

October 2015 – Present

- Served as front-end lead for the fully **responsive** redesign of John Hancock's corporate website, johnhancock.com in **Adobe AEM** content management system on an **Agile** team with offshore resources.
- Built John Hancock's adaptive mobile website using **jQuery**, **Bootstrap**, **SASS**, and responsive design techniques.
- Developed an interactive social application with Facebook and Twitter for the 2016 Boston Marathon #RunBold marketing campaign.
- Managed daily updates to two microsites averaging over 1k visitors per day using **WordPress**.
- Provided front-end work on a **Salesforce** CMS platform for Manulife Financial intranet in 5 languages.

Front-End Developer & Data Science Consultant

June 2016 – December 2017

Biogen - Cambridge, Massachusetts

- Co-developed a hybrid **R Shiny** application for a raw material genealogy and trending information management system.
- Used **R** statistical programming language and **D3.js** to create a data visualization for QC for pharmaceuticals resulting in multi-million dollars in savings.
- Used Agile methodologies for planning and carrying out tasks

Web Applications Developer (Contract)

May 2015 – August 2015

J.Jill - Quincy, Massachusetts

- Completed a full site redesign to improve usability and aesthetics of J.Jill's e-commerce website using **HTML5**, **LESS**, **JavaScript**, and **jQuery**.
- Developed back-end functionality for J.Jill's **ASP.NET** e-commerce platform in both **Visual Basic** and **C#**, including performance enhancements, product display, and availability.
- Created a utility for managing test credit card transactions resulting in time saved during outages and e-commerce transaction testing.

Front-End Developer (Contract)

January 2015 – March 2015

Mountain Gap Solutions LLC - Boston, Massachusetts

- Tested a note taking application for Pearson, following their accessibility guidelines for digital learning products and WCAG compliance guidelines.
- Performed application testing with assistive technologies such as JAWS and NVDA
- Developed a music discovery application using **AngularJS 1**, **D3.js**, Last.fm and iTunes API
- Provided **UX/UI** improvements for Angular applications using LESS

Web Developer (Undergraduate Co-op)

May 2012 – May 2015

Internet 4 Associations - Dayton, Ohio

- Developed backend functionality of i4a's Content Management System with **Adobe ColdFusion**
- Implemented mobile website adaptive design for all i4a's 300+ clients with **jQuery Mobile**
- Developed membership map interface using Google Maps JavaScript API and KML Layers

Founder

July 2014 – Present

Brophy Analytics - Boston, MA

- Services including web and app creation, data visualizations, and consulting
- Currently operate and manage a **MERN** and **LAMP** stack for six client's websites using **HTML5**, **CSS3**, **JavaScript**, **PHP**, and **WordPress**

EDUCATION AND AWARDS

University of Dayton (Dayton, OH)

August 2010 - May 2015

Bachelor of Science: Electronic & Computer Engineering Technology

Study Abroad - *Florence as a World Stage - Florence, Italy*

May 2011 - June 2011

Formal Training

- Adobe AEM Developer Training – New York, NY August 2016
- Boy Scouts of America Troop 1 Coventry, RI - *Eagle Scout*