**PATRICK J. BROPHY**

[pjbrof@gmail.com](mailto:pjbrof@gmail.com) 361 W Broadway Apt. 6 +1(401)-569-8623

patrickbrophy.info Boston, MA 02127 linkedin.com/in/pjbrof

**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*