

Patrick D. Landy

New York City/Remote patrickdlandy@gmail.com patrickdlandy.io [github](https://github.com) [linkedin](https://www.linkedin.com)

TECHNICAL SKILLS Languages: **JavaScript, PHP, Ruby, SQL, HTML** Tools: **SASS, Git**
Libraries: **React, jQuery, Redux, Timber** Frameworks: **Gutenberg, Rails**

EXPERIENCE

Full Stack Developer *The Good Food Institute* January 2020 - January 2022

Senior Application Development and Support Specialist *The Good Food Institute* January 2022 - Present

- Performed feature development/maintenance for gfi.org in **React/Gutenberg/PHP/Timber/Twig**
 - Added UI features including tabbed content navigation, style-changing nav links on scroll, animated scrolls, scroll-to-top buttons, and modal popups with **JavaScript/jQuery/HTML/CSS**
- Fundraising Progress Bar Block (JavaScript, PHP, React, WordPress/Gutenberg, Timber)**

Wrote custom Gutenberg block displaying Google Sheets API data as progress bar

- Implemented custom Gutenberg dynamic block displaying fundraising progress, goal, and donor totals to public users during a successful **\$500,000 USD** fundraising campaign
- Represented the data as a horizontal progress bar to site visitors (**PHP/Timber/Twig**) and to internal page editors (**JavaScript/Gutenberg/React**) based on Google API data
- Authored a WordPress plugin using **PHP/Composer** and the Google apiclient-services library to schedule API calls in order to periodically update the site database

Phylogenetic tree data visualization for seafood taxonomies (PHP/cURL/D3)

Developed a proof-of-concept data visualization of a phylogenetic tree of seafood taxonomy data

- Made API calls to internal seafood databases in AirTable using **cURL** in **PHP** and parsed results for use with Open Tree of Life APIs
- Loaded the parsed tree data using **D3** and **phylotree.js** in an interactive display

GFI Europe Website (JavaScript, PHP, React, WordPress/Gutenberg, Timber)

Managed setup, deployment, and post-launch QA of gfieurope.org

- Cloned gfi.org codebase into a new git repository, granted internal team access, initialized local instance of site with placeholder content, updated brand assets, deployed to staging server, and performed QA using **Twig/Timber/WordPress API**

Mechanical Engineer *EME Consulting Engineering Group, LLC*, New York, NY February 2017 - July 2019

- Designed replacement air conditioning systems for NYC school facilities, resulting in code compliance and approval of construction drawings for projects totaling **\$3 Million+**

Mechanical Engineer *ME Engineers*, New York, NY August 2015 - February 2017

- Performed analysis and design of mechanical systems, including mechanical piping heat loss calculations, duct sizing, equipment selection, and mechanical drafting

EDUCATION

App Academy, New York, NY 2019

1,000-hour full-stack software bootcamp

Full Stack Project: Formview (**React/Redux, Rails, PostgreSQL**), clone of wufoo.com [github](https://github.com)

Cornell University, Ithaca, NY August 2011 - May 2015

Bachelor of Science in Mechanical Engineering, **Cum Laude**, Cumulative **GPA: 3.70**

PUBLICATION

[*Electrostatic detection of stainless steel dust particles for fusion applications*](#)