

Full Stack Web Developer aspiring to be on the frontiers of modern web development and responsive design. Driven by a passion for understanding patterns, structures, and the way things work, my background in philosophy informs my creative approach to engineering challenges.

Professional Skills

Back-End:
Node, SQL, Google
Firebase,
Bash, limited PHP +
Wordpress

Front-End:
React, Vue,
jQuery

APIs/Libraries:
G-Suite APIs, Quasar,
Express, CKEditor

Tools:
Git, Jest, Cypress,
Webpack, Workfront

Casual
Perl, conversational
French, Photoshop

Professional Experience

Associate Web Developer, Online Production | Medscape/WebMD

Dec. 2019-Current

Worked in a team of 3-5 developers to deliver internal applications focused on process improvement. Our main project was a new shadow CMS: An application designed to replace the word documents delivered by the content team with a web form that automatically generated JSON and .jsp formatted files to post to the CMS, as well as internal compliance forms. In addition to writing code (Vue.js, with Firebase + Node backends), responsibilities included RnD, gathering interdepartmental requirements and feedback, writing documentation for end-users and developers, and interviewing/onboarding/training new contractors. One major requirement of the project was an easy onboarding process including automated testing, designing a collaborative git flow, and streamlining the addition of new features/components.

Web Development Immersive | Engineering Fellow, General Assembly

Dec. 2017

A 12 week, all day immersive course in web development. Students are challenged to sprint through 4 projects, each demonstrating an understanding of a different aspect of the development process. Students learn everything from abstract computer programming methodologies to the specifics of various programming languages and libraries.

Assistant Web Developer, SELECTIM, New York City

2014-2017

Managed finances and legal paperwork and maintained the codebase of a small French real-estate search engine business. Assisted in developing a dynamic, modernized front-end for the site to grow business into Portugal. Began to teach myself Javascript and PHP on the job to adapt the code of the site's web crawlers to match patterns in Portuguese. Found my passion for programming and the development process.

Projects

Ticket Runner

Dec. 2019-Current

Ticket-Runner is an internal application for WebMD/Medscape's Continuing Medical Education division, to facilitate the development of new articles and videos. Working in parallel to the site's CMS, Ticket-Runner provides a webform to replace the Word documents previously used in content development - allowing for faster, more reliable production of deliverables, as well as the automation of several tasks that previously required manual entry by producers and offshore coders. Some key challenges in the apps development included a versioning system, track-changes functionality similar to that offered by MS Word, formatting of output into HTML, .JSP, and JSON, and a complex auth system for a variety of different users and permissions.

Automation Tool

Dec. 2019-Current

The "Automation Tool" is a program I created in collaboration with another developer at Medscape, to streamline the process used by our contractors and overseas coders to push new articles live on the website. Using extensive Regular Expressions, it parses specification documents created in Microsoft Word to generate XML ready to be uploaded to the CMS. After my partner on the project left the company, I took over maintenance of the tool, and took the initiative to translate the program from a command-line interface into a single page website that was more user-friendly and accessible to new employees.

Of Home, Family and Future

2018

Created and maintained the website of a nonprofit organization dedicated to offering assistance to domestic violence survivors and college-bound foster care youth. Their website had last been updated in 2005, and was badly in need of a redesign, with an emphasis on mobile compatibility. Working from the specifications given by the organization's board of directors, I designed and implemented a completely new version of the site. Technologies used for this project included Wordpress (including the design in PHP of a custom Wordpress theme & widget), HTML5/CSS, and Javascript + jQuery.

Education

General Assembly, Web Development Immersive

Dec. 2017

Certificate

Queens College

May 2013

B.A. philosophy, minor in political science