Stephen J Suen

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FRONT-END DEVELOPER / PRODUCT DESIGNER

EXPERIENCE

Freelance *Cambridge, MA*
Web Developer — Mar 2016 to Present

Build websites and web apps for clients such as Emerson College and the MIT Media Lab, working at various layers of the stack. Previous projects have involved front-end UI design and templating, WordPress custom theming and plugin deployment, data visualization/mapping with D3.js, and backend development with Python/Flask.

The Tech *Cambridge, MA*
Online Media Editor — Sep 2012 to Jun 2015

Led the newspaper's interactive graphics team to develop visualizations and deploy online packages for data-driven news stories. Conducted internal hack nights and workshops in HTML/CSS/JS, D3.js, and web scraping. Launched the website's first redesign in nearly a decade as its sole UI/UX designer and lead front-end developer, migrating from a legacy PHP CMS to a digital-first, responsively-designed Rails app.

Microsoft *Redmond, WA*
Program Manager Intern, Outlook — Jun 2014 to Aug 2014

Designed and wrote functional specs for UI/UX features in the Windows 10 Calendar universal app. Integrated design vocabularies from the OS, Office, Outlook.com, and legacy conventions while still pushing new interaction paradigms. Created animated mockups and C#/XAML prototypes for user testing and design crits. Coordinated with an engineer to implement designs through agile methodologies and sprint planning.

ProPublica *New York, NY*
Google Journalism Fellow — Jun 2013 to Aug 2013

Produced online news graphics on NSA surveillance and unpaid internships as a part of ProPublica's news apps team. Designed and implemented a reusable lawsuit tracker in Sinatra, oEmbed-based modules for a social media story-sharing platform in Rails, and a synchronized video transcript using JavaScript and the YouTube API.

EDUCATION

Massachusetts Institute of Technology *Cambridge, MA*
B.S. in Comparative Media Studies, GPA: 4.6/5.0 — Class of 2015

Relevant Courses: Software Studio, Software Construction, Intro to Algorithms, User Interface Design & Implementation, Designing Interactions, Toy Product Design, Game Design for Expression, Qualitative Research Methods, The Product Engineering Process

SKILLS

Development

HTML5, CSS3, SASS/LESS/Stylus, JavaScript, jQuery, D3.js, Webpack
Node.js, React, Express, Python, Django, Flask, Ruby, Rails, Sinatra
PHP, Wordpress, Drupal, SQL, MongoDB, Java, C#, Arduino, Unix, Git

Design / UI / UX

Sketch, Illustrator, Photoshop, visualization, animation, branding
Qualitative research, storyboarding, rapid prototyping, user testing