Walter H. Roman

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Work

Infield Design   6.2013 - 5.2014
Front End Engineer   *infielddesign.com*

Javascript
Contributed to internal Javascript framework built on top of Backbone.js for single-page
   e-commerce checkouts, including developing form validation, defining a convention
   for interactions between Backbone modules and refactoring accordingly, and
   modularizing of the project's only Javascript file, which held over 2000 lines of code.
Scoped and developed a D3.js force-graph application as a CMS extension through
   multiple phases, including the implementation of asynchronous content editing
   through the front end, full-screen mode, and Phantom.js-powered screenshots.
Automated front-end processes such as Sass compiling, Javascript linting and
   testing, and asset minification and concatenation.
Wrote styling and Javascript for single-page Angular.js application that displays the
   test score ratings of over 1000 schools. Features included filtering, sorting,
   pagination, and lighboxes for viewing details of a school.

CSS & HTML
Implemented mobile-first responsive design patterns.
Translated Photoshop and Illustrator designs into prototypes and CMS-powered sites.
Developed cross-browser compatible styling with IE 7+ support.
UI design and development.

Intag Newspaper Archive   10.2013
Front End Developer   *intagnewspaper.org*

Full Stack
Wrote Javascript hash routing to filter content based on its meta data.
UI design and development.
Developed application using Python and Flask.

Skills

Languages
Javascript, CSS, SCSS, HTML, Ruby, Python

Frameworks, Libraries & Template Engines
jQuery, D3.js, Backbone.js, Angular.js, Express.js, Rails, Flask, Socket.io, Mongoose.js,
   ERB, Jade, Foundation.Zurb and Bootstrap.

Tools
Git, Photoshop and Illustrator.