

Martin O'Brien Johnson

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Full-Stack Web Developer who approaches challenges with the experience of an Engineer

PROGRAMMING EXPERIENCE

CALIBRE Alexandria, VA, March 2015 - Present
Programmer III/ Systems Analyst II

- Develop and implement computer system requirements by defining and analyzing U.S. Army logistical mainframe programs and analyst analysis processes for conversion to web application.
 - Front-End Web Development using Marionette and Backbone front-end frameworks, along with Backgrid, Less and Bootstrap.
 - Back-End Web Development using xlogic Ruby framework for Neo4j NoSQL Property Graph Database.
 - Workflow management using Atlassian Jira and Stash along with SourceTree, using a Vagrant and Docker development environment.
 - Testing using RSpec, Rubocop, rr and Jasmine. Deployment with Docker.
- Developed four Maintenance Import stories, splitting up the workload among three developers. Created the data model and relationships for the Maintenance facet as well as the Wolf Import job and Fort Rucker Import job.
- Researched and implemented usage of test mocks and specs with Jasmine and rr.
- Researched graph data visualization and created an initial implementation using Sigma. Created an initial implementation of file loading with dependencies using Require.

Marquez, Hall and Johnson/ G. L. Marquez & Associates Gainesville, FL, 1992 - 1996
GIS Project Manager, GIS Developer

- Managed, developed and programmed project for countywide Geographic Information System (GIS) implementation for Sumter County, FL: sumtergis.com. Implementation involved programming in AutoLISP and ARC Macro Language. Developed and managed Automated Mapping/Facilities Management (AM/FM) projects for cities and utilities. Developed company's CAD and GIS capability.

OTHER TECHNICAL SKILLS

PostgreSQL, SQL Server, Sinatra, Rails, API Integration, JSON, HTML5, CSS3, Sass, Bootstrap, Foundation, JavaScript, jQuery, AJAX, Underscore, Handlebars, D3, C3, Sigma, Require, Git, and Heroku.

OTHER EXPERIENCE

ADTEK Engineers Fairfax, VA, 2007 - 2010
Vice-President of Civil Engineering/ Civil Department Manager

William H. Gordon Associates Chantilly, VA, 1999 - 2007
Director of Engineering

Marquez, Hall and Johnson/ G. L. Marquez & Associates Gainesville, FL, 1986 - 1997
Department Manager, Project Manager, Project Engineer

EDUCATION

General Assembly Washington, DC
Web Development Immersive, November 2014
Back End Web Development, July 2014

University of Florida Gainesville, FL
Bachelor of Science in Civil Engineering, 1999