

# Martin O'Brien Johnson

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## PROGRAMMING EXPERIENCE

**Leidos** Vienna, VA, January 2018 – Present  
Software Engineer

- Developing web portal for the Department of Veterans Affairs (VA) for doctors and nurses examining veterans.
  - Back-End Web Development using Ruby on Rails, HAML and PostgreSQL.
  - Front-End Web Development using JavaScript, jQuery and Foundation.
  - Workflow management using Jira, Bitbucket and SourceTree.
  - Testing using RSpec and Rubocop.
  - Collaborating with VA, UX/UI Developers, Business Analysts, QA and DevOps.

**CALIBRE** Alexandria, VA, March 2015 – December 2017  
Programmer III, Systems Analyst II

- Developed and implemented requirements by analyzing U.S. Army logistical mainframe programs and analyst analysis processes for conversion to web application.
  - Front-End Web Development with Marionette and Backbone front-end frameworks, along with Backgrid, Less and Bootstrap.
  - Back-End Web Development with xlogic Ruby framework for Neo4j NoSQL Property Graph Database.

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

- Designed and developed countywide Geographic Information System (GIS) implementation for Sumter County, FL: [sumtergis.com](http://sumtergis.com). Involved programming in LISP and ARC Macro Language for assigning street addresses, building topology and importing/exporting.

## OTHER TECHNICAL SKILLS

Docker, Sinatra, API Integration, JSON, HTML5, CSS3, Sass, AJAX, Underscore, Handlebars, D3, C3, Sigma, Require, rr, Jasmine, Git, and Heroku.

## OTHER EXPERIENCE

**ADTEK Engineers** Fairfax, VA, 2007 - 2010  
Civil Engineering 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