

# Martin O'Brien Johnson

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Full-Stack Web Developer who approaches challenges with the experience of an Engineer. Driven with an expectation of excellence, I receive satisfaction by solving complex problems systematically. I enjoy the process of collaboration, the value of diverse talents and the growth that results from learning and experimenting.

## TECHNICAL SKILLS

**Languages & Frameworks:** Ruby, PostgreSQL, Sinatra, Rails, API Integration, JSON, HTML5, CSS3, Sass, Bootstrap, Foundation, JavaScript, jQuery, AJAX, Underscore.js, Backbone.js, Handlebars.js, D3.js, C3.js

**Testing & Deployment:** RSpec, Git, GitHub, Heroku

**Methodologies:** Test-Driven Development, Responsive Design, Authentication, User Stories, ERDs, Wireframing, Agile Development/Scrum

## 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

## WEB DEVELOPMENT EXPERIENCE

**General Assembly** Washington, DC, January 2015 - present

Teaching Assistant - Back End Web Development

- Prepare and present class lectures.
- Provide one-on-one instruction during classes, online chats and office hours.
- Manage homework grading and feedback through GitHub pull requests.

**General Assembly** Washington, DC, May – November 2014

Web Development Immersive & Back End Web Development Student

Full-stack web development program focused on common best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven development. Developed a portfolio of individually focused and collaboratively focused projects. Projects include:

- **Senatorial** - Developed a one-page app featuring a Backbone.js front-end MVC framework, Rails backend, GovTrack.us and Capital Words JavaScript APIs, and data visualization using D3.js and C3.js. [Senatorial](#)
- **NextBooks** - Created Ruby on Rails app with Sass framework, Devise gem Authentication, ActionMailer, RSpec testing and GoodReads Ruby API. [Next Books](#)
- **Mappetize** - Collaborated on group-project app involving Mapbox and Eventbrite JavaScript APIs, ActionMailer and Foundation front-end framework. [Mappetize](#)
- **Overnighter** - Built Ruby on Rails app featuring Devise gem Authentication, Google Maps Ruby API and PostgreSQL database. [Overnighter](#)

## OTHER EXPERIENCE

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

Vice-President of Civil Engineering/ Civil Department Manager

**William H. Gordon Associates** Chantilly, VA, 1997 - 2007

Director of Engineering

**Marquez, Hall and Johnson/ G. L. Marquez & Associates** Gainesville, FL, 1986 - 1997

Department Manager, Project Manager, Project Engineer, GIS Developer