

# John Matthews



205-540-1145



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## SKILLS

SQL  
Ruby  
React Native  
Rails  
JavaScript  
jQuery  
HTML  
CSS  
React.js  
Flux  
Redux  
MongoDB  
Express.js  
VBA

## EDUCATION

**App Academy (Spring 2017)**  
Intensive web development program with an acceptance rate less than 3%

**University of Alabama (Class of 2015)**  
*BS - Commerce Business Administration*

## PROJECTS

### Personal Portfolio

[Live Site](#) | [Github](#)

*A full-stack web application, using Ruby on Rails and React, to showcase my work*

- Created a contact form that allows users to directly reach me via email using Ruby's ApplicationMailer class

### Google Spatial Language Challenge

[Live Site](#) | [Github](#)

*Web application, using Ruby on Rails and React.js, that is used to collect spatial language directions from users to train AI*

- Integrated Google Maps API to display a map of all waypoints
- Built a check-in system for users to input their spatial language directions and pictures of the landmarks

### Dogstagram

[Live Site](#) | [Github](#)

*A full-stack web application that replicates the core features of Instagram using Ruby on Rails and React.js*

- Integrated Cloudinary, a 3rd party image management software, allowing users to manage images on their profile.
- Constructed a following system that allows users to follow and unfollow one another
- Built a photo feed using ActiveRecord, which queries for all photos of the people that the current user follows

## EXPERIENCE

### Trader and Operations Associate | 2014-2016

*R-Squared Macro Management LLC*

- Worked extensively in Excel, VBA, Tableau, SQL, and Python to develop portfolio analytics tools for client service requests, marketing, and internal economic research.
- Built and managed robust automated derivatives trading systems in Excel that directed trade executions to Bloomberg EMSX liquidity platform.
- Built and directly managed, using VBA, our internal front, middle, and back office systems used for all trading operations.
- Managed counter-party relations with Prime Brokers, technology providers (Bloomberg), fund administrator (SS&C Technologies), and served as a bridge between client services and trading operations.