

# John Snyder

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## PROJECTS

### **FollowFocus** (*Ruby on Rails, ReactJS*) | [Live](#) | [GitHub](#)

- Photo storage and sharing website inspired by Flickr.
- Dynamic single-page app using ReactJS and AJAX requests via Flux architecture.
- Encrypted sign in / sign up process using BCrypt.
- Drag and drop upload functionality using Paperclip and AWS.
- Site-wide multi-search with PgSearch.
- Extraction of EXIF photo data using jQuery and integration with Google Maps API.

### **subPar Keyboard** (*ReactJS, HTML5*) | [Live](#) | [GitHub](#)

- Interactive synthesizer built with ReactJS that can be played in the browser with recording and playback functionality.
- Allows the user to change octaves and waveforms akin to a real mini-synth.
- Utilizes Web Audio API.

### **ActivORM** (*Ruby*) | [GitHub](#)

- ORM inspired by ActiveRecord using Ruby's metaprogramming capabilities.
- Functionality includes associations like *has\_many*, *belongs\_to*.

## SKILLS

<b>Ruby</b>	<b>Rails</b>	<b>JavaScript</b>	<b>React</b>	<b>Flux</b>	<b>jQuery</b>	<b>HTML5</b>	<b>CSS</b>
<b>SQL</b>	<b>Git</b>	<b>PostgreSQL</b>	<b>RSpec</b>	<b>Logic</b>	<b>Reason</b>	<b>Photoshop</b>	

## EDUCATION

### **App Academy – New York, NY (Fall 2015)**

Immersive full-stack web development program with a < 5% acceptance rate.  
80+ hours of programming per week with a strong focus on code quality.

### **Vassar College – Poughkeepsie, NY (May 2009)**

*Bachelor of Arts, with Honors* – Economics, Mathematics  
GPA 3.8

## EXPERIENCE

### **Associate – Nord/LB (May – September 2015)**

- Corporate counterparty risk management for all North American credit exposure.

### **Associate Analyst – Moody's Investor Service (August 2009 – May 2015)**

- Assigned credit ratings for companies in the Oil and Gas and Chemical Sectors.
- Wrote macros to simplify the team's oil production and financial forecast models.
- Created an automated VBA company peer comparison that led to 100+ publications.
- Monitored a portfolio of over 30 companies.
- Promoted to MBA-level position within two years.

### **Summer Analyst in Strategic Planning – IAC/InterActivCorp (May – August 2008)**

## OTHER

## INTERESTS

Volleyball, golf, baseball, guitar, songwriting, audio engineering, art, fashion, learning.