

# JAKE BARSZCZ

## SOFTWARE ENGINEER

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## WORK EXPERIENCE

### Application Engineer

September 2015–Present

*Quovo, Inc.*

*New York, NY*

- Build and maintain customer-facing dashboards and APIs providing financial data for large financial advisory firms and fintech startups
- Work across all parts of the web stack, using React, AngularJS, Python/Flask and MS SQL Server
- Have played integral role in defining engineering culture at rapidly growing startup
- Assumed ownership of bespoke web application for client representing 7,000 financial advisors and \$30 billion in assets under management
- Rapidly iterate on and deploy new products and features, facilitating the closing of key deals

### Software Engineer

May–July 2015

*Dash Software*

*New York, NY*

- Maintained and built out new functionality for Dash's Ruby on Rails REST API
- Took chief responsibility for creating new API endpoints for major website redesign
- Made significant architecture and UX improvements to internal tools, including a new permissions system in admin dashboard

## PROJECTS

**BeatSoup (Live | [Github](#)):** A web application inspired by the popular social music site SoundCloud.

- Written in Backbone.js, consuming a RESTful JSON API served by a Ruby on Rails backend.
- Single-page app with Backbone composite views, making heavy use of AJAX, allowing for a now-playing queue that persists across a user's session.
- Overrides Backbone.sync to better facilitate error handling.

**ActiveRecord Lite ([Github](#)):** A basic reimplementation of Ruby on Rails' ActiveRecord ORM library.

- Takes advantage of Ruby's powerful reflection and metaprogramming facilities, including `send` and `define_method`.
- Implements search queries, insert/update, and associations.

## SKILLS

JavaScript (incl. ES2015+), React, Redux, AngularJS, Python, Flask, Ruby, Rails, SQL (Postgres and MS SQL Server), Elixir (learning), HTML(5), CSS, Sass, Webpack, Git

## EDUCATION

### App Academy

November 2014–January 2015

Learned Ruby, Rails, Javascript and Backbone

*New York, NY*

- 5% acceptance rate, 10% attrition rate

### B.A. International Affairs, Magna Cum Laude

August 2010–May 2014

*George Washington University, Elliott School of International Affairs*

*Washington, DC*

- Minor in Economics
- Coursework in mathematics up to and including Multivariable Calculus