

# MIKE GEE

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## SKILLS

JavaScript, Redux, SQL, HTML, Ruby, Rails, CSS, Sass, Amazon Web Services, GraphQL

## PROJECTS

**Slick Sporting** | (*React, Apollo, Yoga, Prisma, GraphQL, Cloudinary*)

<https://github.com/mikeg212/slick-sporting> (WORK IN PROGRESS)

*E-commerce platform to sell sports gear*

- Utilized JSON Web Tokens to allow user to reset a forgotten password
- Created GraphQL queries and mutations to implement full CRUD cycle, allowing users to create, upload, delete, and modify items they want to sell.

**Spidergram** | (*Ruby on Rails, React/ Redux, Webpack, PostgreSQL, AWS*)

<https://github.com/mikeg212/spidergram>

*Photo sharing platform inspired by Instagram*

- Designed a RESTful Rails API to serve a single page web app from a PostgreSQL database.
- Created an instant search feature utilizing React's re-rendering on state change to send AJAX requests and fetch results dynamically as the user types.
- Flattened state and applied ActiveRecord eager-loading on associations to eliminate N+1 queries and streamline backend API requests.
- Integrated ActiveStorage by compressing image files by 75% and stored them in an Amazon Web Services S3 bucket for greater scalability.

**SleepyTetris** | (*HTML, CSS, Canvas, JavaScript*)

<https://github.com/mikeg212/sleepytetris>

*Dark mode tetris game*

- Built a self-regenerating pool of available pieces and utilized the Fisher-Yates shuffling algorithm to create even piece distribution.
- Made recursive calls to requestAnimationFrame method to continuously drop piece and update game field.
- Created an event listener and built a loop to repeatedly and immediately drop a piece until collision when the user triggers a "hard drop".

## EXPERIENCE

### Financial Services Professional

New York Life

Oct 2015 - May 2018

- Developed a niche market of Bay Area millennial software engineers (95% client retention compared with an industry average of 57%).
- Designed custom portfolios for clients that yielded an average of \$70,000 annual tax-free retirement income.
- Doubled revenue brought in and reduced client meeting time by 50% in one fiscal year.

## EDUCATION

**Full Stack Developer** - App Academy

2018

Coursework: React.js, Object Oriented Programming, MVC framework, algorithms, testing, TDD

**BS- International Economics** - Georgetown University

2011-2015

Honors Thesis: The Statistics of Home Field Advantage in Baseball's Playoffs