MIKE GEE

Software Engineer | 510-858-6785 | michaelcgee93@gmail.com | mikegee.me | github.com/mikeg212

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

PROJECTS

Slick Sporting | *(React.js, Node.js, Apollo, Yoga, Prisma, GraphQL, Cloudinary)*
https://github.com/mikeg212/slick-sporting (In Development)
E-commerce platform to buy and 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