

# Peter Choi

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New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## Skills

JavaScript, React.js, Redux.js, jQuery, Ruby, Ruby on Rails, JBuilder, HTML5, CSS3, SCSS, Bootstrap, SQL, SQLite3, postgresSQL, AWS, Webpack, npm, git, Heroku, C, Linux, Balsamiq

## Projects

### Symposia

[link](#) | [github](#)

React.js, Redux, CSS3, Ruby on Rails, postgresSQL, AWS, JBuilder, jQuery, SQL, Webpack, npm, Heroku

*A single-page-application inspired by Basecamp where users can create projects and keep track of to-do's and important documents*

- Deployed AWS S3 cloud computing using FormData API to encapsulate user uploaded images, allowing file preview before uploading
- Leveraged Jbuilder and Rails Active Record to eliminate >20% of ajax requests when fetching nested data, significantly DRYing frontend code and shortening load times to improve user experience
- Realized separation of concerns by abstracting logic and visuals in different React components, removing extraneous prop threading and improving code portability and readability

### CSS Demo

[link](#) | [github](#)

JavaScript, SCSS, Bootstrap, HTML5, Webpack, npm

*A showcase of interesting effects, animations, and layouts using Sass, Bootstrap, and Javascript*

- Incorporated media queries and Bootstrap's inbuilt flexbox-grid system to produce a responsive web design adaptable to desktop, tablet, and mobile screens sizes
- Constructed Sass nesting to minimize dependencies in the file tree, naming collisions with Bootstrap, and visual bugs on the application
- Developed seamless UI using SCSS variables, keyframes, and scroll-snap to achieve practical animations and custom scrolling behavior

### Link

[github](#)

Firebase, Swift, XCode,

*An iOS application for college students to plan hangouts without texting*

- Implemented Firebase Realtime noSQL Database to allow eager-loading of user events and invitations data, resulting in minimal loading times and fluid user experience
- Utilized Firebase auth methods to confirm user's sign-in state and enable CRUD on user models, allowing secure login sessions and personalized profiles.

## Experience

ETL Intern | June 2018 - August 2018

Argus Information

- Optimized time complexity of SQL queries from  $O(n^2)$  to  $O(n)$  for fetching debit metadata used by 3 separate teams and reducing work for 2 company servers
- Volunteered at Feeding Westchester food pantry to aid hunger relief in the larger Westchester community

## Education

App Academy | Spring 2019 | New York, NY

Immersive 1000-hour coding school with an admissions rate below 3% focusing on full-stack web development

Columbia University | Spring 2022 | New York, NY

BA in Computer Science | Major GPA: 3.7

Curriculum Highlights: Operating Systems, Fundamentals of Game Design