

# Jonathan Jo

t: 425.443.1002

e: [jonathanbgjo@gmail.com](mailto:jonathanbgjo@gmail.com)

Seattle, WA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## Skills

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Java, Python, C++, SQLite, Socket.io, Angular.js, Django, Spring, Flask

## Projects

### Andromedia

[live site](#) | [github](#)

React/Redux, JavaScript, Ruby on Rails, PostgreSQL, HTML5, CSS3, Webpack, AWS S3, Heroku, *YouTube Clone*

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- Connected the Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.
- Integrated Redux with HTML5 media web components to create customized media playback for users.

### Ultimate Catch

[live site](#) | [github](#)

React / Redux, Node.js, Express.js, MongoDB, CSS3, AWS S3, Heroku

### *Fishing Instagram*

- Incorporated React-Redux container to architect highly scalable and uni-directional front-end state management. Includes user posts, maps, nav bar, and login registration.
- Utilized Google Maps API and React-Google-Maps to grab user specific coordinates to feed into Weather API to display weather along with the user specific posts.
- Optimized database usage and eliminated N+1 queries by observing SQL and Active Record best practices.

### Candy Swap

[github](#)

Angular.js, Express.js, Node.js, MySQL

### *Candy Crush Clone*

- Implemented middle tier gameplay logic essential for a fully functional game. Includes 2d - 3 in a row grid checks and grid swap and shifting algorithms.
- Integrated backend and database connections utilizing Sequelize to create, store, retrieve users, levels and saved games.

## Experience

**Software Engineer Intern** | November 2019 - December 2019

People Tech Group

- Responsible for creating a full stack web application game utilizing best software practices from design to deployment
- Participated in daily code reviews and pair programming exercises.

## Education

**App Academy** | July 2020 | San Francisco, CA

Immersive software development course with focus on full stack web development

**Seattle Pacific University** | June 2019 | Seattle, WA

B.S Computer Science