

# JONATHAN CALIXTO

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[PORTFOLIO](#)

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## SKILLS

JavaScript, React, Redux, HTML5, CSS3, SCSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Amazon Web Services (AWS)

## EDUCATION

**Web Development** - App Academy

March 2020

*Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.*

**Brooklyn College** - City University of New York

Spring 2012

*Studied for a Bachelor of Sciences in Physics while minoring in Computer Science*

## PROJECTS

**Lumines** (Javascript, Canvas, HTML, SCSS)

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

*Puzzle game clone based on Lumines in which the user must form 2x2 blocks through the use of Javascript and Canvas API.*

- Created simple controls incorporating EventListeners and timed-events to provide users with fluid movement.
- Implemented collision detection by using an algorithm to scan a matrix representation of the board for differences, checking for valid placement, and triggering rendering of the updated board.
- Incorporated a timeline that processes the state of the board in set intervals using a custom algorithm to detect completed 2x2 pieces of the same color and remove them from the board while adding points to the player's score.

**PXelation** (Rails, React, Redux, PostgreSQL, HTML, SCSS, Heroku, AWS)

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

*Clone of popular photography website 500px, created through the use of a React/Redux frontend and Rails/PostgreSQL backend.*

- Managed user authentication through the use of a Rails/PostgreSQL backend that encrypts the users' passwords by incorporating BCrypt and SecureRandom gems for a safe and persistent user experience (UX).
- Implemented photo upload through the use of 3rd party service, Amazon Web Services, for optimal media asset management. Images are linked to a user's account and made discoverable on the *Discover* page for all users to see.
- Provided users with a *Discover* feature using the React-Masonry package, to provide a clean and effective user interface (UI) to sort through all photos available from the global front end (Redux) state.

**Dessert & Drinks** (MongoDB, Express.js, React/Redux, Node.js)

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

*Group project using the MERN stack to create a browser-based program to locate desserts/drinks within the NYC Metro area*

- Integrated the Google Maps API and Yelp API to ping a user's chosen location and return a curated list of businesses.
- Configured theme customization, allowing users to select a theme of desserts or drinks and receive a selection of spots with the help of a custom algorithm able to produce specific locations based on their chosen preference.
- Designed front-end UX/UI in Javascript using React/Redux to provide users with an effective single page application accomplished with the use of modals and state management.

## EXPERIENCE

**Garnishment Specialist**

*NYC Marshal Stephen Biegel*

Nov 2016 - March 2020

- Monitored a database of 20,000+ cases in a proprietary software (IPE SYSTEM) created for the NYC Dept. of Investigation
- Trained and oversaw a team of four garnishment specialists in the use of the IPE System and the handling of court judgments exceeding monetary values of over \$4,000,000
- Handled monthly auctions exceeding \$10,000+ of towed vehicles belonging to drivers with outstanding tickets and fees over \$350+ owed to the NYC Dept. of Finance.

**Team Leader - Back of House**

*Pret A Manger*

May 2013 - Nov 2016

- Helped hit and exceed weekly production and sales goals greater than \$15,000 and earned our store a regional award for outstanding customer service.
- Oversaw a team of eight team-members in the production of over 400 daily food items while maintaining DOH standards of a clean and hygienic environment.