Jonah Lipsky

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LinkedIn // Github // Portfolio

PROJECTS

JamCloud: a SoundCloud-inspired App *(React, Redux, Ruby on Rails, JavaScript)*   Live Github
*Built a three-stage front-end user authentication process that leverages modals to enhance user experience.
*Constructed an audio controller and progress bar that utilizes dispatched redux actions to maintain synchronicity.
*Implemented full CRUD on several features including uploading image and audio files, comments, and likes.
*Integrated file storage on Amazon Web Services S3 (AWS) for efficient access to audio and image files.

PlayGo! *(JavaScript, Node.js, Google Firebase)*   Live Github
*Implemented a full rule set of Go in JavaScript and enabled persistence across sessions by saving to online DB.
*Enabled two-player games and chats using Google Firebase with event listeners that behave like websockets.

Dhamma Dhara Maintenance Website *(Google's Apps Script, G Suite)*   Live
*Simulated a backend database using Google App Script queries of spreadsheet data stored in Google Cloud.
*Tracked maintenance requests using Full CRUD and a pleasing UI/UX for a non-profit meditation center.

SKILLS

React, Redux, Ruby, JavaScript, Python, Rails, R64, Matlab, Git, Heroku, jQuery, SQL, HTML5, CSS3, Apps Script

WORK EXPERIENCE

Lab Manager and Research Assistant
The Clinical and Affective Neuroscience Lab at Brown University   Jan 2014 — May 2018
*Hired and managed 50+ undergraduates and graduate students working on more than 15 projects.
*Created automated graphs using R64 programming language to display clinical progress over time.
*Computed statistics for publications from a clinical trial that included over 100 individuals.
*Managed over 20 related spreadsheets combining data from nearly 200 academic papers for a meta-analysis.

Computer Programming and Math Teacher
The Wheeler School, Providence RI   April 2015 — May 2018
*Taught a college-level Data Structures and Algorithms course to two advanced high school coders.
*Taught core math curricula to advanced students in the 3rd, 4th, 5th, 6th, 8th, 9th and 10th grades.

EDUCATION

App Academy, New York, NY. (2018)
Full-stack Coding Bootcamp with <3% acceptance rate. 1000 hour software development course that focuses on full-stack development and teaches React, Javascript, Ruby, Rails, SQL, Redux, TDD, algorithms, design patterns, and best practices.

Bennington College, Bennington, VT. Concentrations: Psychology & Drama, B.A. (2013).
Curriculum Highlights: Make Me Dangerous: Introduction to Computer Science using Python, The Creation of Statistics using R