

Meagan Fenisey-Copes

Software Engineer

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EXPERIENCE

App Academy, New York, NY — *Developer and Instructor*

OCT 2016 - PRESENT

Migrated legacy Backbone, jQuery and vanilla JS frontend code from disparate sources into multiple Webpack bundles and added hot-reloading to improve development environment. Improved efficiency of the career services department by modifying existing frontend code to persist search/browse filters via localStorage. Expanded Jest, RSpec testing, using time-traveling, mocks, and React snapshots.

Oversaw curriculum development as NYC curriculum lead. Developed frontend auth pattern using React Router 4 and overhauled large portions of the curriculum including HTML/CSS, Rails, SQL, React, Redux and state normalization. Gave lectures on full-stack web development from data-structures to frontend routing. Mentored students during their full-stack project, coordinating feature development with Trello, providing code review, design feedback and guiding them to solve their toughest bugs.

Accenture, New York, NY — *Salesforce Developer*

FEB 2015 - MAY 2016

Developed custom frontend and backend solutions on the Force.com platform. Produced flexible scheme to format and present API response data in tables or lists based on designated lookup table. Employed a hybrid agile-waterfall development process with daily standups and weekly code review. Oversaw offshore developers via project assignments and code reviews.

SKILLS

Ruby • Rails • JavaScript • React • Redux • Node • Express.js • Clojure • jQuery • HTML • CSS • C++ • C# • ASP.net • SQL • Git • Linux

EDUCATION

Brooklyn College, Brooklyn, NY — *BS Computational Mathematics*

JAN 2015

3rd Place – 2013 CUNY Math Challenge, Dean's List 2013-2014

App Academy, New York, NY

OCT 2016

Hired upon graduation as a top-performing student

University at Albany, Albany, NY — *BA World History*

JUN 2009

RECENT PROJECTS

Lil' React

JavaScript

[GitHub](#)

Clone of React.js. Uses a virtual DOM which follows React's own heuristic diffing algorithm. Supports extension of **Component** class with lifecycle methods, nested component and element rendering via nested object definitions, and synthetic event handling. Components and DOM elements are rendered as objects nested objects.

Bullet-journal

Node, Express.js, Sequelize, React, Redux

[GitHub](#)

Single page outliner app based loosely on Workflowy built with Node.js, Express.js and Sequelize, and flexible frontend patterns in React and Redux. Focuses on a single-fetch, normalized Redux state and usage of higher order components.

trakr

Rails, React, Flux

[GitHub](#), [Live](#)

Single page activity tracking app created using Rails, React.js, Flux and the Google Maps API. Resources are protected via a custom backend and frontend user authentication pattern. Leverages Google Maps API and Flux architecture to handle activity viewing/editing within same component

clicky-slashy

React, HTML, CSS

[GitHub](#), [Live](#)

Browser game built using JavaScript, React.js and CSS. Implemented OOP approach to generate Hero and Enemy classes from common Entity class. Takes advantage of CSS transitions and DOM events to easily manage player input and animations.

