

Software Projects

FastRabbit - Sole Developer (React.js, Rails)

[Live](#) | [GitHub](#)

Web application for users to book tutors based on subject and time availability.

- Designed multi-stage form with error handling.
- Architected a single-page web-app using React.js to update state without refreshing and provide a smooth user experience.
- Implemented data flows, rendering, and data stores using Rails and Flux frameworks.

JavaScript Path Learner - Sole Developer (JavaScript, jQuery)

[Live](#) | [GitHub](#)

Algorithm visualizer designed to help people learn graph-solving techniques.

- Created a customizable grid to illustrate the differences in how graph solving techniques change with environment.
- Implemented A*, DFS, and BFS search algorithms in JavaScript.

Comic Storm - Front End Engineer (React Native, JavaScript)

[Live](#) | [GitHub](#)

Comic-making App for Android

- Implemented Drag and Drop functionality using PanResponder event handlers
- Promise chaining multiple libraries so users can save to gallery.

Skills

Javascript

Python

React.js / Native

Redux

Ruby on Rails

C++

jQuery

SQL

HTML

CSS

git

Professional Experience

Hawkins, Delafield, & Wood

New York - 2016

Financial Analyst

- Analyzed 50+ municipal bonds to produce reports from dense data sources allowing clients to make informed decisions.
- Calculated amortization schedules, bond yields, and prices using VBA to improve efficiency ~20%.

Education & Training

Rutgers University, class of 2014

BA Mathematics, Philosophy

Presidential Scholar

SAT Score: 800 Math 800 Verbal

GRE Score: 169 Math 170 Verbal