

Samuel Ye

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[LinkedIn](#)

[Github](#)

[Personal Site](#)

SKILLS

React, Redux, Ruby, Ruby on Rails, JavaScript, AJAX, jQuery, SQL, Webpack, Git, HTML5, CSS3

PROJECTS

BetterCapital/ Robinhood Clone

[Live Site](#)

(Javascript, React, Redux, AJAX, Ruby on Rails, PostgreSQL, HTML5, CSS3)

BetterCapital is an app that allows users to search stock information, make stock transactions, and track their portfolio value.

- Implemented asynchronous RESTful HTTP requests within React lifecycles that fetch real-time data from external APIs to provide users with up-to-date stock information.
- Utilized Redux store and AJAX thunk-action creators to update backend database, to pass live data that displayed charts, prices, and news into React components.
- Designed a backend MVC system that managed user authentication and stock transactions using Ruby on Rails and PostgreSQL.
- Incorporated Recharts library to display interactive graphs that show the relationship between stock value and time periods, allowing users to dynamically search for specific stock prices at any given time.

Last Dream

[Live Site](#)

(Javascript, Canvas, HTML5, CSS)

Last Dream is a Javascript game where users jump on clouds and try to stay alive.

- Implemented asynchronous event listeners and event loops that simulated realistic collision and movement physics based on user input to provide users with a smooth, interactive gaming experience.
- Engineered functions that randomly generate clouds for the player to jump on at a pace appropriate to a given difficulty level.
- Incorporated object oriented design to organize code into a more readable and editable format.

EXPERIENCE

Registered Nurse

Good Samaritan Hospital, July 2016- November 2018

Critical Care Unit

Hemodialysis Unit

- Recorded, interpreted and managed statuses of up to 10 dialysis patients per 12 hour shift.
- Educated patients and families regarding treatment prescription plans, dietary restrictions, and effects of medication compliance.
- Collaborated with members of the interdisciplinary care team to plan and implement goals for patients.

EDUCATION

App Academy - 1000+ hour full-stack web development program, <3% acceptance

Spring 2019

Binghamton University, *Decker School of Nursing*

2014

Bachelor of Science in Nursing