

Projects

Slackers-Row (React, Redux, Ruby on Rails, Javascript, PostgreSQL)

[Live](#) | [Github](#)

Full Stack Single Page, live chat experience where users can join private channels to converse – inspired by Slack

- Maintained user subscriptions to channels using action-cables mounted on redis servers, hosted on Heroku
- Implemented RESTful API from Rails backend to alter React virtual-DOM state
- Ensured active-record associations between channels and messages, through-associations for linking users to their messages
- Designed a fully-responsive, user-friendly frontend experience with CSS and React Modal

[Live](#) | [Github](#)

Bool Online (University Capstone Project) (Java, Javascript, Google App Engine, Google Datastore Spring MVC)

Web application that simulates the behavior of logic gates, designed to be a supplemental learning tool for computer architecture courses

- Implemented search querying of Google Datastore to retrieve user projects
- Maintained front-end experience using HTML5 and CSS3, alongside bootstrap to create a dynamic user experience
- Designed CRUD functionalities of data on Google Datastore, coordinated using Spring MVC

C Dynamic Memory Allocator (C, Linux)

[Github](#)

Custom memory allocator similar to GNU C Library, developed on a Linux platform

- Mimic's C library dynamic memory allocation; implemented functions: alloc(), realloc(), and free()
- Handling of fragmentation, memory padding, alignment

Recent Projects

Karma (Social Good Hackathon August 2018)

Developed a social network where users can post charitable acts of social good, used React-Redux and Socket.IO

[Github](#)

Crypto-Kitty Brower

Dapp, Front-end UI, uses smart contract calls to interact with the etheruem blockchain to display information about a crypto-kitty; Drizzle-React and Web3 API

[Github](#)

Relevant Skills

Javascript | Ruby | React | Redux | Rails |
PostgreSQL | Heroku | Action Cable |
Webpack | Spring MVC | Google App Engine
| Google Datastore | HTML5 & CSS3 |
Bootstrap

Tech Experience

Coding Instructor July 2018 – Present

App Academy New York

Conduct lectures and tutoring, teaching common algorithms, data structures, and CS fundamentals

Non-Tech Experience

Office Assistant/Tier 1 Desktop Support

Stony Brook School of Health Technology &

Management August 2014 – June 2015

Community Outreach/Administrative

Assistant

Mount Sinai Adolescent Health Center 2012 –2014

Education

App Academy, May 2018

Full-stack web development course with a <3% acceptance rate

Stony Brook University, August 2017

B.S, Computer Science