

**SKILLS** JavaScript, React.js, Redux.js, Ruby on Rails, Ruby, HTML5, CSS3, PostgreSQL, jQuery, Python, C

## PROJECTS

**Sparkle** | (Javascript, React/Redux, Rails 5, AWS, Heroku, CSS)

[live](#) | [github](#)

*Near pixel-perfect clone of Sporcle, a quiz site where users can post quizzes and take their own as well as others quizzes.*

- Implemented fully functional quizzes using Redux state management. Users can design and customize quizzes as well as edit and delete them. Users taking quizzes receive a score and can maintain the history of their quizzes.
- Utilized AWS S3 to implement quiz icon uploads, allowing users to choose their own image when posting a quiz.
- Built out seamless frontend to backend interactions using JQuery fetch requests and Rails HTTP requests.

**Cubberd** | (React/Redux, Rails 5, MongoDB, Node.js, Heroku, Edamam AP, CSS)

[live](#) | [github](#)

*Backend lead for this interactive app that fetches recipes and scores them in two ways based on user preferences.*

- Responsible for building the app's entire backend using Express and a nonrelational database on MongoDB.
- Constructed an algorithm in a backend route that scores results in two ways and returns the highest results of either based on the user preference to the frontend fetch request.
- DRYed up backend code by writing dynamic routes that rely on ternary logic to determine actions.

**Bang** | (Vanilla Javascript, HTML, Canvas, CSS)

[live](#) | [github](#)

*Vanilla Javascript app that simulates a two-player experience of the classic card game Hanabi.*

- Designed a fully functional and interactive game based on a complex tabletop card game, using only Vanilla Javascript, HTML, and Canvas.
- Utilized pageX and pageY positions to overcome the challenge of animating the game, given that the entire site is built as one Canvas.

## EXPERIENCE

**Business Analyst, Production Operations Manager, Content Specialist**

*New Classrooms Innovation Partners*

October 2019 - July 2022

- Authored requirements management plan (RPM) that ensured a well-documented and intuitive process for gathering and maintaining technical requirements, resulting in a clarity for each role and decreasing the amount of ambiguity and confusion among parties.
- Oversaw processes for scheduling over 30 schools and rostering over students to provide personalized math curricula to all students.
- Was selected to perform User Acceptance Testing for a new scheduling process before rolling out to the rest of the team.
- Managed a team of three contract writers to develop innovative mathematical content for all students ages 9-15.

**Math Teacher**

*The Bronx Charter School for Better Learning*

September 2016 - September 2019

- Created and implemented data-driven lessons from scratch for third- and fourth-grade math classes of 25 students.
- Coordinated math intervention program for third grade math students in need of extra support.
- Saw 50% increase in student scores from beginning to the end of the year assessment.
- Each year, at least 70% of students passed the New York State Math test.

## EDUCATION

**AppAcademy** - *Intensive and immersive full stack software development course with < 3% acceptance rate, 2022*

**Barnard College of Columbia University** - *Bachelor of Arts in Sociology, 2011-2015, GPA: 3.56/3.56, Dean's List 2015*