



## Projects

### Capebook (React.js & Redux, Ruby on Rails, PostgreSQL)

Live | [GitHub](#)

*A full-stack social media application inspired by Facebook*

- Implemented custom friendship with self-referential join table and two switch statements to dynamically render profile components based on friendship status.
- Efficiently fetched timelines through complex query with eager loading of associated comments and user information.
- Maximized scalability through cloud image storage with AWS.

### TuneLoop (JavaScript, HTML, CSS, Tone.js)

Live | [GitHub](#)

*Interactive music sequencer*

- To allow for dynamic modality shifts of all selected pitches, created a nested map. Column keys point to map of pitch keys with boolean values, allowing for constant time lookup, insertion and deletion.
- Maintained metronomically perfect synchronicity between visual and audio output by scheduling events in advance with AudioContext time, through Tone Transport.

### WizzDOM (JavaScript)

[GitHub](#)

*A lightweight DOM interaction library*

- To maximize flexibility while maintaining streamlined API, created wrapper function with nested conditionals to handle multiple data types
- Adds event key to each node when creating event listener on the collection, allowing for simplified user input and flexible event listener removal
- Implemented Promise functionality with simplified AJAX request syntax, for conditional method invocation upon response status

## Skills

Ruby  
Rails

React.js  
SQL

Flux  
CSS3

jQuery  
RSpec

HTML5  
JavaScript

Git

## Education

### App Academy

May - July 2017

1000-hour full-stack web development intensive with <3% acceptance rate.

Thorough training in OOP, pair programming, data structures and algorithms.

### George Washington University

2009 - 2013

Bachelor of Arts in Music, minor in Economics

## Experience

### Musician

2013 - 2017

*Vocalist / Pianist / Teacher*

- Performed at Lincoln Center, Carnegie Hall, Kennedy Center, White House

### Head Server / Bartender

2013 - 2016

*Ippudo, NY / Pop Pub*

- Managed schedules, tip allocation, training, and testing of 20 dinner servers
- Won three quarterly sales competitions between all 30 servers