

## 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 using cloud storage with AWS S3, cached and delivered through CloudFront CDN.

TuneLoop (JavaScript, CSS, Tone.js)

Live | GitHub

*Interactive music sequencer*

- Constructed and manipulated all HTML elements with custom WizzDOM library
- Created nested map to dynamically shift pitch modality in constant time
- Maintained metronomically perfect synchronicity between visual and audio output by scheduling events in advance with AudioContext time.

WizzDOM (JavaScript)

GitHub

*A lightweight DOM interaction library*

- Created wrapper function with nested conditionals to handle multiple data types, maximizing flexibility while maintaining streamlined API.
- Added 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  
Git

jQuery  
RSpec

HTML5  
CSS3

JavaScript  
AJAX

## 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