

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

- Built with custom WizzDOM library
- Created nested map to dynamically shift selected pitch modality. 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.

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.
- 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
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