Christopher J. Lew

chrislew@lewcentral.com   845-709-4639

christopherlew.me

cjlew

cjlew

New York, NY

PROJECTS

Tempo (Rails, PostgreSQL, React, Redux)   Live | Github

A fullstack single-page music streaming app

- Features persistent music streaming by preloading queued songs from AWS
- Executes asynchronous AJAX calls to update the frontend while not disturbing the user
- Extracts audio metadata on save to database through the Taglib-Ruby gem
- Enables a social user experience featuring friending users and complete playlist CRUD by adopting a Ruby on Rails backend

Databall (JavaScript, HTML, d3.js)   Github

A customizable visualization of statistics from the NBA

- Uses d3.js to provide customizable and agile scatterplots of various NBA stats
- Leverages data stored as JSON to select the correct data parameterized by user input

DOMquery (JavaScript, HTML)   Github

A DOM Manipulation library inspired by jQuery

- Users have the ability to select existing DOM elements or create their own
- Features intuitive API that handles AJAX calls and DOM manipulation

SKILLS

Ruby	Rails	CSS3
HTML5	JavaScript	AWS
jQuery	React.js	Redux
RSpec	Howler.js	SQL
Node.js	PostgreSQL	Git
Howler.js	Heroku	Flux

EDUCATION

App Academy

1000+ hour full stack web development course with < 3% acceptance rate

University at Buffalo, The State University of New York - May 2016

Bachelor of Science in Aerospace Engineering

Coursework included Intro CS, Differential Equations, Linear Algebra, Statistics

WORK HISTORY

E2chem Consultants (Mechanical Engineer)

Poughkeepsie, NY   October 2016 - February 2017

- Increased profit by 20% and decreased total work time by 30% on a contract valued at $125,000 by optimizing the work schedule and providing incentives for contractors.
- Coordinated with senior managers to create scopes of work and develop a project's deliverables based on the client's needs, resulting in satisfied repeat clientele