Mallory Bulkley

mallorybulkley.com
919-607-9001
10 Coles Street Apt. 2   Brooklyn, NY 11231

@ mallorybulkley@gmail.com
mallorybulkley
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SKILLS

JavaScript, Ruby, Rails, React.js, Redux, jQuery, HTML5, CSS3, SQL, PostgreSQL

PROJECTS

Stratus Sound (Rails, React.js, Redux)   Live | Github
Full-stack, single page music streaming web app
- Decodes audio files asynchronously and saves samples of the channelData in a PostgreSQL database to enable accelerated rendering of waveform visualizations
- Implements a single HTML5 audio player and utilizes a Flux architecture and the Redux store to maintain a seamless listening experience
- Incorporates reusable React components and a RESTful JSON API to keep code DRY and provide a predictable user experience

Citi Bike Visualization (JavaScript)   Live | Github
A visualization of Citi Bike trips taken over the course of a day
- Utilizes Citi Bike and Google Maps APIs to animate bike trips throughout the day
- Allows users to filter data by age group or gender of cyclists

WORM (Ruby)   Github
Lightweight ORM library with a custom API for retrieving and manipulating data
- Emphasizes convention over configuration by providing sensible defaults
- Leverages Ruby metaprogramming and SQL to simplify complex database queries

EXPERIENCE

InterActiveCorp (IAC), Jun 2014 - Dec 2016

Jr Accountant, Media Division, *Apr 2015 - Dec 2016*
- Analyzed financial data for budgeting, forecasting and preparing financial statements using Excel, HFM and Oracle
- Spearheaded team of five in new international licensing collections processes, leading to a 50% reduction in outstanding A/R
- Reduced time spent on repetitive tasks by restructuring accounts payable and receivable processes
- Part of a dynamic department within IAC that oversees the accounting and finance operations of Atavist Books, CollegeHumor, DailyBurn, Electus, IAC Films and Notional

Accounts Payable Clerk, *Jun 2014 - Apr 2015*
- Eliminated over six months' worth of backlogged work by streamlining workflow
- Facilitated auditing through sound record-keeping and thorough documentation in accordance with GAAP

EDUCATION

App Academy, **Web Development** - *2016*
- Rigorous 1000-hour full-stack software development course with <3% acceptance rate and focus on computer science fundamentals and agile methodologies

Belmont University, 2014 **BBA, Music Business -**
  - GPA 3.872 (Magna Cum Laude, Dean's List)