TIM SAKOW

Software Engineer   (201) 566-6187   tcsakow@gmail.com

GITHUB   LINKEDIN   PORTFOLIO

SKILLS   React.js, Redux, Ruby, Python, Rails, Javascript, D3, PostgreSQL, HTML, CSS, SQL, git

PROJECTS

InstaSham live | github   (React.js, Redux, Rails, JavaScript, jQuery, PostgreSQL, Webpack, AWS, Heroku)
Single-page Social Media Platform inspired by Instagram where users can post images and interact with other users
- Safeguarded user accounts and interaction privileges with backend authentication processes using BCrypt, React Routes, and persistent session tokens
- Leveraged AWS and Rails Active Storage to host image files associated with specific users
- Designed a responsive layout by utilizing a well organized structure using CSS3 flex-box and media queries
- Created a RESTful API to handle user interactions to make for a more seamless single-page UX

Interactive Baseball Data live | github   (JavaScript, D3, HTML, CSS)
An in depth data visualizer for offensive and pitching stats where users can overlay different datasets
- Created custom algorithms to dynamically parse CSV data for improved user interactions and visualizations
- Utilized D3.js library to analyze and display rich interactive data visualizations based on user data selection
- Improved rendering times for data visualizations by partitioning data requests based on user input

EXPERIENCE

Project Engineer
Digital Lumens/OSRAM   Dec 2016 - Dec 2018
- Oversaw largest accounts within the company accounting for 38% of all intelligent lighting products sold within North America, translating to 26% of company revenue between 2017-2018
- Trained and coached corporate clients on proprietary software to maximize energy savings with intelligent lighting products to reduce energy costs by up to 90%
- Generated and supported 68% of all field engineering service revenue by securing corporate accounts between 2017-2018
- Directed dozens of lighting installs for corporate clients by facilitating meetings with contractors, partners, and facility managers
- Investigated, troubleshot, and resolved client issues in the field pertaining to product hardware, software, and mesh network communications
- Trained all new hire engineers and several partners on lighting hardware, software, and installation best practices to ensure proper client network security

EDUCATION

Web Development - *App Academy (Spring 2019)*
Mechanical Engineering - *Northeastern University, 2016*