PAUL MAGIONCALDA

New York, NY   631-559-9570   PaulMagioncalda@gmail.com   **LinkedIn**   **Github**   **Personal**

GOALS

Freelance Engineer with three years of experience looking to join an innovative organization focused on web application development where I can grow and learn as a developer.

SKILLS

JavaScript, React, Redux, Ruby, Ruby on Rails, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Web Accessibility, Heroku, Rspec, Jest, Amazon Web Services (AWS), d3.js

PROJECTS

Aperture | *(React/Redux, Ruby on Rails, PostgreSQL, Amazon Web Services)*   **live** | **github**

- A near picture perfect clone of ***500px***, a website designed to help photographers grow and promote business.
- Leveraged React components and Redux state to render photos in an Instagram style gallery feed.
- Utilized Amazon Web Services (S3) to store user images, reducing server load and improving scalability.
- Anchored Ruby on Rails with PostgreSQL for RESTful HTTP processes that allow users to create and retrieve photos asynchronously.

StockRocket | *(JavaScript, d3.js, **IEX Cloud Api**)*   **live** | **github**

- Financial charting application to assist in locating patterns and anomalies in stocks over various timeframes.
- Deployed IEX Cloud API alongside axios requests to retrieve key data points allowing the retrieval of Json data that could be manipulated into an entry-point algorithm.
- Designed an algorithm that leverages financial information to create unique data points for day traders to isolate the best entry positions or buying points in the stock market based on day of the week over various timeframes.
- Deployed collective data into user friendly bar charts via D3 by appending data to the document object model for real-time updated visualizations.

Headshots | *(MongoDB, Express, React, Node, Mongoose)*   **live** | **github**

- Photographer portfolio and booking application.
- Utilized MongoDb to allow clients to schedule and store appointments in a flexible database for scalability.
- Deployed Axios requests via contact form to Node Mailer module to allow contact form requests to be sent to admins personal email.
- Leveraged Mongoose to manage relationships between data in a schema-less NoSQL document database.

EXPERIENCE

Freelance Software Engineer

Various Platforms   Nov 2017- Present

- Designed and developed web applications on multiple platforms.
- Programmed web solutions using React, Javascript, Ruby, Ruby on Rails, AWS, and a variety of databases.
- Met deadlines and exceeded client expectations.
- Supplied documentation and offered technical support for admin users.

Hobbies

Owner / Creative Director / Photographer

One Aternity   Oct 2012 - Present

- Built long-term client relationships on multiple platforms by networking and transcending client expectations.
- Knowledge and experience developing strategies, marketing, and managing day-of activities at trade shows.
- Created innovative ways using artistic marketing to increase sales and retain future client services.

- Handled all aspects of post production, including editing images via Adobe Lightroom and Photoshop.
- Leveraged extensive knowledge of photography and the New York City art scene to identify a need and create a high-demand service that catered to both tourists and locals, weaving each together seamlessly.

EDUCATION
App Academy - Fully immersive, *16 week, +*1,000 hour coding bootcamp.
Highly selective web development course with 3% acceptance rate. 2020