

Recent Technical Experience

HANDRAISE - a classroom version of StackOverflow

- + Devised and implemented workflow via state machine.
- + Implemented timed polling for dynamically refreshed navigation.
- + Used AJAX and jQuery to create a one-page experience.
- + Utilized Javascript's pushState and popState to deliver a normalized browser experience.

BINSAPP - source for online comics

- + Built the entire back end, using Ruby on Rails.
- + Implemented drag and drop functionality for multiple files and image uploading via Amazon
- + Implemented a multi-step form wizard with validations.

AIRBRAKE-DASHBOARD - a better approach to Airbrake

- + Built a custom Airbrake dashboard to filter noisy errors and custom token tags.
- + Integrated app with Airbrake API to allow two-way updating of error statuses.
- + Utilized NoSQL database (Mongo DB) for scalability and flexibility.

FLOATING JOURNEY - mood tracker

- + Integrated Twilio to send and receive text messages, allowing users to interact with app without ever touching a browser.

Education

TUFTS UNIVERSITY, Medford, MA

Bachelor of Science in Mathematics and
Quantitative Economics, 2005

Employment History

CLEARHEALTHCOSTS

New York

Strategic Consultant

July 2007 to January 2012

- + Formulated revenue strategy of selling advertisement space on website and created media kit.
- + Pitched ad space to potential small business clients.
- + Used SEO and Google Analytics to determine effectiveness of product design and content.

JPMORGAN CHASE

New York

Equity Trader, Vice President

July 2007 to January 2012

- + Managed \$100mm in capital, generating more than 20% return with a 3 Sharpe ratio.
- + Researched, backtested and formulated trade strategies to monetize arbitrage opportunities in the market, centered around index volatility, dispersion, and relative value across sectors and global indices.
- + Trained and managed a junior analyst.

CITIGROUP

New York

Sales and Trading Analyst

Sept 2005 to July 2007

- + Provided analytical risk tools on a daily basis to facilitate trading decisions
- + Collaborated with lawyers, marketers and traders to assist in deal preparation and execution.
- + Responsible for secondary trades of fund based structured products, which included executing trades and dealing with settlement issues.
- + Tracked competitor deals of registered equity structured products to produce league tables.