Sara Horowitz

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EXPERIENCE

SENTINEL LABS | Data Visualization Engineer
November 2016 – Present | New York, NY

- Produce interactive data visualizations using D3.js for a MEAN stack customizable enterprise tool
- Work with data analysts and customer relations team to design visualizations that enable easy interpretation of portfolio status, workflow, and actions
- Construct MongoDB schemas and collaborate with back-end developers to define functional requirements
- Maintain and migrate/update existing visualizations to D3.js, Version 4

THE SECOND SHIFT
- Full Stack Developer/ Product Manager
April 2016 – Present | New York, NY

- Direct design and development of Ruby on Rails website - www.thesecondshift.com
- Manage engineering team to prioritize tasks, migrate/update technologies and develop best practices
- Design, present and implement UI enhancements based on client feedback
- Pair program to write RSPEC tests, design custom Active Admin filters, and to address any bugs or new feature requests from business development team

- Operations Director
February 2015 – January 2016 | New York, NY

- Assisted with analyzing data, standardizing processes and expanding influence amongst women re-entering the workforce in search of flexible opportunities
- Established three-pronged vetting strategy, designed membership standards and oversaw all reference checks
- Worked with web developers to improve overall site function and efficiency for administrators and users, using Pivotal Tracker to document and prioritize features, bugs and chores

PERFECTLY FRANK, INC. | Operations Manager
March 2013 – February 2015 | New York, NY (Remote)

- Coordinated with new and existing clients to analyze strengths and weaknesses of restaurants, bars, hotels, spas, and/or fitness studios in New York, Miami and Los Angeles, and designed industry-specific reports to ensure results would help companies gain competitive advantage
- Oversaw all job applications and selected shoppers and freelance editors based upon submitted writing samples and previous work history
- Designed 60-minute new shopper training presentations on how to conduct client visits, and created 24-page editor manual and supplemental materials to establish standardized processes and procedures for freelance editors

CITRIX SYSTEMS, INC. | Associate Technical Writer/ Information Developer
July 2012 – March 2013 | Fort Lauderdale, FL

- Performed usability testing and identified methods to improve documentation to accurately reflect user experience for Desktop & Cloud Division products
- Interviewed subject matter experts and collaborated with senior team members to develop plan for documenting the user experience
- Conducted testing for enterprise software products to create and edit instructional documentation for award-winning Citrix E-Docs

SKILLS

FULL STACK DEVELOPMENT
JavaScript • D3.js • React.js • Node.js
Express.js • Angular.js • Webpack.js
PostgreSQL • MongoDB • jQuery
AJAX • Ruby • Rails • CSS3 • HTML5
SQL • Git • Bash/Terminal • RSPEC
Jasmine • Heroku

EDUCATION

METIS | Data Visualization with D3.js
June 2016 – August 2016 | New York, NY
Course focused on data visualization, strategic storytelling, and using D3.js to manipulate data and make interactive charts and documents

GENERAL ASSEMBLY | Web Development Immersive
January 2016 – April 2016 | New York, NY

- **Images of The Times** - A NERP stack application that allows a guest user to view the top New York Times images of the day, and a registered user to play a caption-to-photo matching game using current images and their corresponding captions from a specific New York Times section
- **Git Garden** - A NERP stack application for a visual representation of activity on a registered user's favorite Github repositories. D3.js used for detailed view of repository data
- **Train Traffic** - A RESTful CRUD application for crowd-sourced NYC subway monitoring
- **Dynamite** - An in-browser, two-player, interactive jQuery guessing game

NEW YORK UNIVERSITY | Gallatin School for Individualized Study
September 2006 - May 2010 | New York, NY
BA - Individualized Study: The Role of the Poetic
Minor - Creative Writing
Founder's Day Honors Scholar