

MICHAEL SCHWARTZ

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PORTFOLIO

GITHUB

LINKEDIN

New York, NY

SKILLS

React, Redux, Javascript, jQuery, Ruby, Rails, Python, AWS, Heroku, CircleCi, HTML, CSS, SQL, git, TDD, Rspec, Capybara

EXPERIENCE

Software Developer / Senior Technical Instructor

App Academy

Nov 2018 - Present

- Supervised 200+ students in the development of over 65 full-stack web apps using Ruby on Rails and Javascript with React and Redux libraries, by providing technical guidance, support, and code reviews
- Developed full stack feature using Ruby on Rails with React / Redux on internal tools, that delivers a weekly survey to all students, enabling Net Promoter Score (NPS) reports to be stored on local PostgreSQL database
- Built a random question generator using Ruby with RSpec tests, to assist students' algorithms practice and prepare for weekly assessments
- Assisted students in solving daily complex algorithms, data structures, programming challenges, and full projects
- Produced and led interactive lectures for classes up to 75 students on React, Redux, Ruby on Rails, JavaScript, and jQuery

Senior Project Analyst / Senior Support Engineer

The Lloyd Group

Mar 2015 - Jul 2018

- Designed and implemented new network and system infrastructures for 150+ clients, in order to increase speed, and efficiency of internal tools.
- Trained a team of seven colleagues on new Cisco and VMWare hardware technologies and existing systems
- Recipient of "Dream Team" award for best job performance in the projects department for 2017

Jr. Systems Administrator

Atlantic PC, Inc.

Feb 2012 - Mar 2015

- Supported the computer hardware and Cisco networking systems of over 100+ clients
- Achieved various certifications such as CCNA, Net+ and A+ to improve mastery of the industry

Junior Engineer

ABCO Steel Door

May 2011 - Feb 2012

- Optimized the retrieval of manufacturing data by 300% through the creation of Excel templates

PROJECTS

LogMyJog (React, Redux, JavaScript, Ruby on Rails, PostgreSQL)

[live](#) | [github](#)

A single page webapp inspired by MapMyRun intended to allow users to map and log running activities

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their own workouts and comments when logged in
- Incorporated Google Maps API to obtain vital data such as distance and relative maps
- Employed React to resolve components that render upon change of state rather than a full refresh decreasing the amount of time to navigate through pages
- Prepared app for scalability by applying jQuery to prefetch data and send JSON responses

SubStrings (JavaScript, jQuery, HTML, CSS)

[live](#) | [github](#)

Word descrambling game built using JavaScript and jQuery, inspired by TextTwist

- Applied Object Oriented Programming principles to keep track of variables more easily and make code more scalable
- Used non-relational database with Google Firebase to keep track of a High Score leaderboard
- Manipulated DOM objects using Vanilla JavaScript and CSS effects to visualize the game

DOMiNode (JavaScript)

[live](#) | [github](#)

Library built using JavaScript, intended to allow DOM manipulation with ease

- Created custom API methods that are used to manipulate the DOM elements allowing an interactive web experience
- Allowed ease of traversing through groups of elements as well as adding event listeners using Vanilla JavaScript

EDUCATION

Web Development - App Academy (Summer 2018)

BA Liberal Arts - State University of New York at Binghamton, 2011