

MICHAEL SCHWARTZ

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PORTFOLIO

GITHUB

LINKEDIN

New York, NY

SKILLS

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

EXPERIENCE

Software Engineer

Persado

Aug 2019 - Present

- Designed and implemented full stack features for Persado's client facing marketing AI application, using a Ruby on Rails backend with a fully Typed React frontend
- Decreased compile time from 40, to 3 seconds, for all developers by optimizing webpack settings and upgrading relevant libraries
- Conducted code reviews daily, in which I would confirm functionality and point out any code smells that would need to be refactored
- Identified bottlenecks in backend database querying and refactored N+1 queries to increase efficiency of SQL queries
- Increased backend test coverage using Rspec and Minitest libraries from 70% to 80% coverage
- Implemented Cypress frontend testing suite to be able to test common frontend procedures while providing a quick way to create local testing data for developers
- Led initiatives to improve communication and processes between product and developer teams.
- Collaborated with UX Designers and other members of the product team to make sure features were delivered with the best design and with all acceptance criteria met.

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

EDUCATION

Web Development - App Academy (Summer 2018)

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