

MICHAEL SCHWARTZ

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[PORTFOLIO](#)

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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 - Aug 2019

- 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*