PURAB SHAH

49 Block Avenue | Iselin, NJ 08830 | (732) 857-7758 | purabshah8@gmail.com
GitHub | LinkedIn | Portfolio

SKILLS

Python | React | Ruby on Rails | Django | D3.js | GraphQL | Redux | Pandas | PostgreSQL | HTML5/CSS3

PROJECTS

Kantrello   GitHub | Live
Trello inspired web application built using React/Redux, JavaScript and Rails
- Implemented Drag & Drop of lists and cards using react-beautiful-dnd
- Optimized updating of positional data using server-side logic to reduce the number of AJAX calls
- Created 10+ modal box components to manipulate list & cards and their enclosed data

Stats Don't Lie   GitHub | Live
Basketball Statistics web application built using D3, React/Apollo, GraphQL and Python/Django
- Automated data extraction and cleaning from from basketball-reference.com using Python libraries
- Created reusable D3 chart components using new React Hooks
- Devised a GraphQL API that reduces extraneous stat data sent to frontend

NBA Schedule & Fatigue   GitHub
Data analysis using Python & Jupyter Notebook
- Created a Python web scraper to retrieve NBA season schedule data from basketball-reference.com
- Evaluated the success of the NBA's attempt to reduce player fatigue by measuring change in key indicators of schedule stress and creating a new statistic to identify high fatigue games

WORK EXPERIENCE

App Academy   New York, NY
Software Engineering Associate   ***February 2019 – May 2019***
- Enhanced 100+ JavaScript and full-stack projects by debugging, performing code review, and answering questions
- Mentored 75+ software developers in React/Redux, JavaScript, Rails, SQL and HTML/CSS
- Administered 50+ one-on-one simulated technical interviews to evaluate algorithms, data structures and SQL skills

Venn Health Partners   South Plainfield, NJ
Operations Manager   ***October 2016 – September 2018***
- Migrated employee payroll & benefits infrastructure from outdated Excel spreadsheets to Quickbooks and revamped reporting system, resulting in 20% error reduction and a simplified process for both the CEO & employees
- Took initiative to adopt new HR system, presenting several options to CEO, resulting in 3 month trial

EDUCATION

App Academy   September 2018 – December 2018
Intensive, 1000+ hours full-stack web development course in JavaScript, React & Ruby on Rails

Dataquest.io (Online)   January 2018 – April 2018
Concentrations: *Data Analyst in Python, Data Scientist in Python*
Relevant Courses: Data Structures & Algorithms, Data Analysis with Pandas, Data Visualization, APIs and Web Scraping

Rutgers, The State University of New Jersey, School of Engineering (SoE)   Piscataway, NJ
Major: Electrical and Computer Engineering   ***132/123 Credits Completed***
Relevant Courses: Intro Programming, Algorithms, Probability, Discrete Mathematics, Linear Algebra