PURAB SHAH

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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 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

Kontrakt   **Remote**
Frontend Engineer   *June 2019 – Present*
- Pushed front-end team to implement minimalist design principles throughout company web app
- Built responsive modern frontend using React/Redux and Bulma for a MERN stack environment

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

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