

PURAB SHAH

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROJECTS

Kantrello

[GitHub](#) | [Live](#)

Trello inspired web application built using React/Redux, JavaScript and Rails

- Implemented Dragging & Dropping lists & cards using the react-beautiful-dnd library
- Optimized updating of positional data using server-side logic to reduce the number of AJAX calls
- Created 10+ dialog 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

- Scraped player, referee and box scores from basketball-reference.com using BeautifulSoup4
- Minimized API data sent to frontend by using GraphQL
- Created reusable D3 chart components to render graphs of various statistics

Set Shooter

[GitHub](#) | [Live](#)

JavaScript basketball shooting game built using HTML5 Canvas

- Implemented projectile motion physics when shooting & bouncing basketball off obstacles
- Allowed player movement and adjustment of shot angle & power

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

SKILLS

Ruby on Rails | JavaScript | React | Redux | Python | Django | Pandas | PostgreSQL | GraphQL | D3.js

EDUCATION

App Academy

September 2018 – December 2018

Intensive, 1000+ hours full-stack web development course covering JavaScript, React & 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, SQL and Databases, APIs and Web Scraping, Machine Learning in Python, Spark & MapReduce

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

WORK EXPERIENCE

App Academy

New York, NY

Software Engineering Associate

February 2019 – Present

- Enhanced 100+ JavaScript and Full Stack projects by debugging, performing code review, and answering questions
- Mentored over 75 software developers in JavaScript, React/Redux and Rails
- Administered 10+ weekly mock technical interviews to students covering algorithms, data structures and SQL