# PURAB SHAH

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GitHub | LinkedIn | Portfolio

## SKILLS

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

## 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 used to visualized a variety of basketball statistics
- 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 – Present*
- 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