

Praney Hirpara

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EDUCATION

Rutgers University - Honors College

New Brunswick, New Jersey

B.A. in Computer Science, B.S. in Business Analytics & Information Technology

Expected Graduation, May 2026

- o GPA: 3.9/4.0, Dean's List
- o Related Coursework: Data Structures, Computer Architecture, Linear Algebra, Discrete Structures

PROJECTS

NBA MVP Predictor | Python, Jupyter Notebooks, pandas, Beautiful Soup, Requests, scikit-learn

Oct 2023

- Scraped, filtered, and cleaned player and team data from Basketball Reference utilizing Beautiful Soup, pandas, and Requests
- Utilized Linear Regression and Random Forest Regression using scikit-learn to predict and rank players with the most MVP votes with 83% accuracy
- Utilized backtesting to test the machine learning model and make adjustments to increase the accuracy of the model.

Rutgers JudgeMyProfessor | JavaScript, Node.js, Express.js, HTML, CSS

Oct 2023

- Created a Google Chrome extension that allows Rutgers students to view professor ratings from RateMyProfessors on the Rutgers Web Registration platform
- Created a server to make HTTP requests and web scrape professor ratings from RateMyProfessors

Yelp Clone | PostgreSQL, Express.js, React.js, Node.js, JavaScript

Aug 2023

- Created a simplified full-stack version of Yelp in which users can create, view, change, and delete restaurants and reviews
- Utilized the PERN stack to implement a database, make HTTP requests to the database, and do so through a user-friendly interface.

Personal Website | HTML, CSS, JavaScript

Jun 2023

- Created a website from scratch to showcase information about myself, my interests, my qualifications, and my personal projects.

ACTIVITIES

Rutgers Undergraduate Student Alliance of Computer Scientists

New Brunswick, New Jersey

Member

Sep 2022 – Present

HackRU

New Brunswick, New Jersey

Hacker

Oct 2023

- Participated in Rutgers' largest hackathon and created a project during the allotted 24 hours
- Created Rutgers JudgeMyProfessor, a Chrome extension to allow students to easily view professor ratings

SKILLS

Technical: Java, Python, JavaScript, HTML/CSS, PostgreSQL, Node.js, React.js, C, Express.js, Git, Postman, Puppeteer, Bootstrap, Jupyter Notebooks, pandas, Beautiful Soup, Requests, VSCode