Praney Hirpara

732-258-8914 | praneyhirpara2021@gmail.com | linkedin.com/in/praneyhirpara/ | github.com/praneyh

EDUCATION

Rutgers University   New Brunswick, NJ
BA in Computer Science, BS in Business Analytics & Information Technology   *Sep. 2022 – May 2026*
GPA: 3.875

Related Coursework: Data Structures and Algorithms, Computer Architecture, Discrete Mathematics, Software Methodology (OOP), Linear Algebra, Calculus

PROJECTS

Rutgers JudgeMyProfessor | *JavaScript, HTML, CSS, Git*   Jan. 2024
- Developed a Chrome Web Store featured extension for Rutgers students, with over 200 users, enabling seamless access to professor ratings and other data from RateMyProfessors directly on Rutgers registration platforms
- Leveraged JavaScript and Chrome APIs to create a robust and intuitive user interface, enhancing the browsing experience for students
- Integrated an API to fetch comprehensive professor data from RateMyProfessors, and implemented an algorithm to increase accuracy

NBA MVP Predictor | *Python, Jupyter Notebooks, pandas, Beautiful Soup, Requests, scikit-learn*   Oct. 2023
- Scraped, filtered, and cleaned NBA player and team data from Basketball Reference utilizing Beautiful Soup, pandas, and Requests
- Employed Linear Regression and Random Forest Regression using scikit-learn to predict and rank players with the most MVP votes, achieving an accuracy of 83%
- Conducted thorough backtesting of the machine learning model, iteratively adjusting parameters to enhance accuracy and reliability

Yelp Clone | *PostgreSQL, Express.js, React.js, Node.js*   Aug. 2023
- Developed a comprehensive full-stack replica of Yelp allowing users to perform CRUD operations on restaurants and reviews
- Leveraged the PERN stack (PostgreSQL, Express.js, React.js, Node.js) to establish a robust database structure and facilitate seamless HTTP requests through a user-friendly interface

Personal Website | *HTML, CSS, JavaScript*   Jun. 2023
- Designed and developed a personalized website using HTML, CSS, and JavaScript to showcase personal information, interests, qualifications, and projects in an engaging manner

ACTIVITIES

Rutgers Undergraduate Student Alliance of Computer Scientists | *Member*   Sep. 2022 - Present
- Actively participated in technical workshops, seminars, and coding competitions organized by Rutgers USACS, gaining insights into various topics and technologies while contributing ideas and collaborating with team members to tackle challenges
- Engaged in networking with professionals during company outreach events organized by Rutgers USACS, establishing connections and exploring opportunities for career growth and development

HackRU | *Participant*   Oct. 2023
- Actively participated in HackRU, Rutgers' largest hackathon, contributing to the ideation, development, and presentation of a project within a 24-hour timeframe
- Created a prototype for Rutgers JudgeMyProfessor during HackRU, demonstrating rapid prototyping skills, problem-solving abilities, and effective teamwork

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, C, SQL
Frameworks: Node.js, React.js, Express.js, Bootstrap
Developer Tools: Git, Postman, VSCode, Jupyter Notebooks, Tableau
Libraries: PostgreSQL, Puppeteer, pandas, Beautiful Soup, Requests