Shriya Shrestha

New Brunswick, NJ | 732-715-0447 | shriya.shrestha@rutgers.edu

EDUCATION

Rutgers University - School of Arts and Sciences   **New Brunswick, NJ**

B.S in Computer Science and Data Science- Economics Track   Sept 2023 – Dec 2026

- **GPA:** 3.7 / 4.0
- **Relevant Coursework:** Computer Architecture, Data Structures, Econometrics, Intermediate Micro Analysis, Intro to Computer Science, Intro to Data Science, Intro to Discrete Structures I & II,
- **Collegiate Activities:** Women in Computer Science (WiCS) , Rutgers Blueprint, Rutgers University Mobile App Development (RUMAD)

TECHNICAL SKILLS

- **Languages:** Java | Python | C | SQL
- **Libraries:** Pandas | NumPy | Matplotlib | Seaborn | Beautiful Soup
- **Software:** Microsoft Word | Excel | PowerPoint | Adobe After Effects | Canva
- **Soft Skils:** Leadership | Team building | Problem solving | Communication

WORK & EXPERIENCE

Blueprint Backend Software Engineering Fellowship, *Fellow*   **New Brunswick, NJ**

Rutgers University   Oct 2024 – Dec 2024

- Collaborated in a team to develop a secure client-server login portal using Python, enabling users to input their credentials (username and password) for authentication against a database.
- Developed and implemented backend logic to validate login credentials, ensuring accurate authentication by leveraging socket programming for efficient and reliable client-server communication.

PROJECTS

Flight Price Data Analysis Project   **April 2025**

Independent Project   Kaggle Link

- Conducted exploratory data analysis on a flight price dataset, examining variables such as airline, source, destination, departure and arrival times, etc, to uncover patterns influencing ticket prices.
- Utilized data visualization tools like Matplotlib and Seaborn to create insightful plots, identifying and evaluating the trends and anomalies in flight pricing.

PUBLICATIONS

Maximizing Agricultural Policy in South Asia   **Fall 2023-Spring 2024**

Undergraduate Research Writing Conference, Rutgers University   Publication Link

- Researched and authored a paper on the exclusion of marginalized farmers from agricultural extension services in South Asia, examining policy barriers and socioeconomic disparities.
- Explored the impact of increasing visibility in agricultural policy on climate adaptation and resource accessibility, using multiple case studies to highlight and advocate for successful reforms
- Presented research findings at the Undergraduate Research Writing Conference (URWC) at Rutgers University, delivering a PowerPoint presentation and engaging in a Q&A session with professors, students, and professionals

CERTIFICATIONS

Kaggle- Intro to Machine Learning   **March 2025**