SHRIYA SHRESTHA

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

EDUCATION

Rutgers University – New Brunswick, NJ — **New Brunswick, NJ**
B.S in Computer Science and Data Science- Economics Track — *Sept 2023 - May 2027*

- **GPA:** 3.7 / 4.0
- **Relevant Coursework:** Computer Architecture, Data Structures, Intro to Data Science, Intro to Discrete Structures I & II, Econometrics, Intermediate Micro Analysis, Intro to Computer Science

TECHNICAL SKILLS

- **Languages:** Python | SQL | Java | Javascript | HTML | Stata
- **Tools/Libraries:** Tableau | Excel | Matplotlib | Seaborn | Pandas | NumPy | Scikit-learn | PowerPoint

PROFESSIONAL EXPERIENCE

Data Science Project Developer — **New Brunswick, NJ**
Ignito - Link — *May 2025 – Present*

- Worked directly with a professor to design and implement mini data science projects on core concepts such as data wrangling, visualization, supervised learning, and model evaluation using real-world datasets
- Developed clear, beginner-friendly demos for each project to teach and guide Ignito's **2000+ active suscribers,** reinforcing conceptual understanding through real-world datasets and examples.
- View projects: *Link*

Technology Intern — **Matawan, NJ**
Law Office of Maria Noto, P.C. — *June 2025 - Present, Oct 2021– April 2022*

- Assisted a solo practitioner with administrative responsibilities, including drafting legal correspondence, filing motions, and managing client appointments.
- Observed **15+ hours of client meetings and 30+ hours of court proceedings** to gain firsthand insight into defence litigation, legal documentation, and courtroom protocol.
- Currently developing legal tech tools to improve office efficiency, such as a court date reminder app and a billing tracker to log case hours and streamline invoicing.

PROJECTS

Twitch Recommendation System — **Github Link**
Group Project — *Apr 2025 – May 2025*

- Built a real-time Twitch recommendation system using a fine-tuned language model to perform sentiment analysis on live chat data to recommend streamers based on user-defined moods (e.g., cozy, chaotic, hype)
- Created a data pipeline to collect and clean Twitch chat logs using the IRC API, converting them into JSON format and pairing them with user mood prompts for a supervised learning model.
- Evaluated recommendations by comparing chat content and user prompts using cosine similarity, and evaluated accuracy based on both similarity scores and mood relevance.

Flight Price Data Analysis — **Kaggle Link**
Individual Project — *April 2025*

- Analyzed a dataset of **30,000+ flight records**, exploring features such as airline, route, duration, and departure/arrival times to uncover patterns influencing ticket prices.
- Developed **9 data visualizations** using Matplotlib and Seaborn to analyze flight pricing data, effectively answering core business questions and highlighting pricing trends and anomalies.

PUBLICATIONS/AWARDS

Undergraduate Research Writing Conference — **New Brunswick, NJ**
Published Researcher and Speaker — *October 2023 – April 2024*

- Researched and authored a **15+ page 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 **5+ case studies** to highlight and advocate for successful reforms.