Ismail Ansari

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Summary: I'm a Rutgers University student majoring in Computer Science and Data Science, actively seeking a Summer 2024 internship in Data and AI. I have a strong passion for data analysis, machine learning, and artificial intelligence, and am eager to leverage my skills to develop data-driven solutions and improve business processes. I'm also actively involved in the Rutgers Data Science Club, Muslim Student Association, and Powerlifting team, fostering a balance between technical skills and community engagement.

EDUCATION

Rutgers University   **New Brunswick, NJ**
B.S. in Computer Science/ B.S in Data Science   *Expected Graduation, May 2026*
- **Related Coursework:** Data Structures & Algorithms, Linear Algebra, Discrete Mathematics, Data 101

PROJECTS

Founder/CEO of Esoteric Lifestyle + Androgen
- Python-based prediction program that analyzes individual blood reports to offer personalized lifestyle adjustments. This program leverages machine learning algorithms to interpret health data, providing users with data-driven recommendations to optimize their wellbeing.
- Esoteric Lifestyle is an online marketplace that's uniquely attuned to the health and wellness needs of men, focusing primarily on natural products for hormonal health.

Stock Market Predictor
- Utilized advanced machine learning techniques, including Bayesian structural time series, Neural Networks, and Linear Regression Time Series algorithms, to analyze trends and predict stock market movements, significantly enhancing predictive accuracy and decision-making for investors.
- Leveraging Python libraries such as Pandas for data manipulation, NumPy for numerical computations, Scikit-learn for machine learning model implementation. Employing data visualization tools with Seaborn to illustrate analytical results.

NutriGo – Nutrition Tracking and Diet
- Developed an interactive web application using R and R Shiny that enables users to track their calorie intake at major restaurant chains, incorporating data visualization methods with ggplot2 and plotly for dynamic, user-friendly presentations.
- Aids individuals in informed dietary decision-making by offering detailed nutritional content from a broad restaurant menu database, enhanced with features for setting personal health goals, tracking progress, and interactive feedback mechanisms to personalize the user experience and promote sustained healthy eating habits.

EXPERIENCE AND ACTIVITIES

IT Consultant   **New York, NY**
iTwo Capital Services, LLC.   *Jul 2023 - Aug 2023*
- Data Analysis & Visualization: Conducted in-depth data analysis on Capital Markets, Derivatives, and Investment Management to provide strategic insights for stakeholders.
- Utilized data visualization tools such as Tableau and PowerBI to create interactive and comprehensive reports.
- Developed and implemented machine learning models to enhance trading strategies and improve risk management. Employed algorithms like decision trees, random forests, and neural networks to predict market trends.
- Developed Python scripts for automating data extraction, transformation, and loading (ETL) processes. Created modules for sentiment analysis using natural language processing (NLP) techniques.

Sponsorship Chair   **New Brunswick, NJ**
Rutgers Data Science Club   *April 2024 - Present*
- Oversee financial management and reporting. Lead event sponsorship outreach by developing comprehensive fundraising proposals collaborating with companies and academic sponsors.

Student Center Assistant   **New Brunswick, NJ**
Rutgers University LSC   *April 2024 - Present*
- Managing a variety of services at the Student Center, from event setup, facility tours, maintenance, while offering guest support and maintaining high customer satisfaction

TECHNICAL SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, R (Programming language)
Tools: IntelliJ, Eclipse, Excel, R Studio, VS Code, Tableau
Interests: Weightlifting, Coaching, Coding, Reading, Traveling