RIJUL GUPTA

rijulg3@illinois.edu | (312) 757-0844 | linkedin.com/in/rijul-gupta

EDUCATION

University of Illinois Urbana Champaign   **Urbana-Champaign, IL**
Master of Science in Business Analytics, Gies College of Business, (3.92/4.00)   Expected May 2024
Concentration in Information Technology and Control

Manav Rachna International Institute of Research & Studies   **Haryana, India**
Bachelor of Technology Computer Science Engineering, (7.60/10.0)   May 2020
Specialization in Business Analytics and Optimization

PROFESSIONAL EXPERIENCE

Discovery Partner Institute (DPI)   **Chicago, IL**
Data Analyst   January 2024 - Present
- Automated data scraping for 6,000+ researchers by developing a dynamic web scraper solution using Python & Langchain, cutting down development time by 10%.
- Executed data cleaning and transformation for scraped data, structuring it for LLM training, which increased model matching accuracy by 20% and sped up researcher identification processes.

Exelon   **Urbana-Champaign, IL**
Team Lead: Business Practicum   August 2023 - Present
- Piloted the Exelon project, guiding team dynamics and client interactions, translating process requirements into actionable plans, achieving significant process improvements and enhanced team performance.
- Engineered predictive models for Exelon, streamlining cable usage and deposit processes, directly leading to a measurable reduction in financial losses.

Guardian Life Insurance Company   **Gurugram, India**
Automation Developer/Analyst   June 2020 - August 2022
- Accelerated company's digital transformation agenda by developing bot for process automation using UiPath, decreasing process errors by 30% and FTE costs by 20-25%.
- Developed 30+ reusable automation components, analyzing code across projects to streamline common tasks & cut development time 17-20%, aligning with goals of increased efficiency & faster project delivery.
- Spearheaded process automation analysis, collaborating with product owners to identify, scope, & assess 15 opportunities for potential FTE savings & cost reduction.
- Collaborated with clients and SMEs to define automation project requirements, achieving a 5-12% cut in code tweaks through precise workflow documentation and quality testing.

ACADEMIC PROJECTS

Predictive Analytics for Music Track Popularity on YouTube
- Performed analysis on YouTube & Spotify data, developing predictive models using Machine learning algorithms to predict song popularity, contributed to music recommendation research.

Analyzing Impact of Generative AI on NVIDIA and AMD stocks
- Analyzed Generative AI's impact on NVIDIA & AMD stock prices through time-series analysis & Python/Tableau visualizations, revealing significant correlations & impacting market dynamics.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals, Google Data Analytics, MTA: Introduction to Programming Using Python - Certified 2019, Excel Skills for Data Analytics and Visualization Specialization

KEY SKILLS

Technical: Python, SQL, Microsoft Excel, Generative AI, Machine Learning, Web Scrapping, Langchain, API Integration, ETL, Tableau, UiPath
Business: Market Intelligence, Data Reporting & Visualization, Research & Stakeholder Management, Strategic Planning, Agile & Scrum Methodologies Quality Assurance, Customer Focus