Ali Raza
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SUMMARY

Analytical undergraduate in Mathematical Computer Science with experience in Python, SQL, Java, C++, Excel, statistical modeling, and data visualization. Skilled at transforming raw data into actionable insights to support company/business strategy with advanced AI skills.

EDUCATION

University of Illinois Chicago (UIC), Chicago, IL
B.S. in Mathematical Computer Science, Minor in Economics I *Graduation: May 2025*
GPA: 3.5/4.0; **Dean's List** (3 Semesters)
Memberships: MSCS Undergraduate Math Community, PSA, Philosophy Club

TECHNICAL SKILLS

Programming & Analysis: Python, SQL, R Script, JavaScript, C++, Visual Basics
Libraries & Tools: Pandas, NumPy, Matplotlib, LaTeX
Data Tools: Microsoft Excel (Advanced), Microsoft Access, Tableau, Power BI (familiar), Git
AI Tools: ChatGPT, Google Gemini (used for ideation, reporting, and prompted data exploration)
Other Software: VSCode, Word, PowerPoint, Outlook, Publisher
Soft skills: Quantitative problem-solving, Academic research and documentation, Clear communication of technical concepts, High adaptability and learning

EXPERIENCE

Data Analyst (Contract)
Nexora Analytics – Chicago, IL (Remote/Small Business)
Jan 2024 – Present

- Built Python/Pandas dashboards identifying ~15% SKU underperformance; automated SQL ETL reports saving 5 hrs./week.
- Designed BFS/DFS graph recommendation prototype, improving cross-sell insights by 10%.
- Automated SQL ETL reports, cutting 5 hrs/week of work and improving accuracy.

Customer Service & Operations Assistant I Gayle V's Best Ever Grilled Cheese, Chicago, IL I *Jan 2023 – Aug 2023*

- Streamlined transaction and inventory tracking, reducing manual errors by 15%.
- Maintained 98% order accuracy in a high-volume environment.
- Improved team coordination by 10% through clearer communication and support.

Data & Academic Tutor I **AAAN Tutoring Center at UIC**, Chicago, IL I *Sept 2022 – Dec 2022*

- Tutored math, computer science, and economics, raising student performance by 20% (survey-based).
- Simplified complex quantitative concepts into real-world applications for better retention.
- Enhanced communication and analytical skills through continuous support.

Additional projects and research experience available on **GitHub**:
aliraza2331.github.io