

Rahin Jain

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EDUCATION

University of Illinois Chicago, Chicago IL

Expected: May 2025

Bachelor of Science in Computer Science

GPA: 3.88/4.0

Recognition: University of Illinois Chancellor's Student Service and Leadership Award 2024

SKILLS

Database/Cloud: SQL, MongoDB, Google Cloud Platform

Programming Languages: Python, R, JavaScript, Java, C/C++

Software/ Framework: PowerBI, Jira, Excel, Google Earth Engine, Canva, GitHub

Internship Experience

Lyxar India - Business Analyst Intern

May 2024 - August 2024

- Achieved a possible 4.2% reduction in procurement costs by analyzing overseas supplier and shipping prices of equipment and comparing with local manufacturing costs to optimize the supply chain through PowerBI.
- Collaborated with the logistics and finance departments through weekly meetings and progress reports.

Relevant Experience

College of Engineering, University of Illinois Chicago - Student Mentor

August 2024 - Present

- Utilize Excel to analyze 2 years of program reviews to identify potential improvements and create visualizations.
- Review engineering resumes and assist with the execution of career-related networking events on campus.

Dept. of Computer Science, University of Illinois Chicago - Database Teaching Assistant

January 2023 - Present

- Work with a 75-student cohort on individual projects to find improvements in deliverables through meetings.
- Utilize tools like Google Cloud Platform and MongoDB to host multiple SQL and NoSQL database projects.
- Assist with problem-solving and debugging for assignments and projects, leading to an 86% completion rate.

Student Affairs, University of Illinois Chicago - Research Assistant

July 2023 - May 2024

- Assisted with the Student Sense of Belonging Study Report ([link](#)), by analyzing feedback data acquired from 2000+ participants through Excel and Qualtrics.
- Processed large data files to identify similar pain points and created visualizations to present issues and challenges.
- Presented the research at the UIC Undergrad Research Forum ([link](#)) and UIC Impact ([link](#)) to showcase results with the potential to improve retention rates in college students.

Projects

Pollution Aerial Analysis (Google Earth Engine, Python, Javascript) [repository](#)

September 2024

- Extracted data from Earth Engine and performed data cleansing and analysis using Python to determine trends.
- Visualized data and maps to showcase patterns and relations between pollution and urban heat island effect.

Facial Recognition System (Python) [repository article](#)

July 2024

- Built and trained a facial recognition system that finds human faces in images and outputs similarity percentages on a large dataset of images with an accuracy of 93%.
- Automated the process of addition of unrecognized faces to the dataset and retraining the recognizer.

Involvement

Sparkhacks - Management Team Member

August 2023 - Present

- Manage a team of 5 in an agile environment utilizing Jira for tasks, milestones, and deadline management.
- Negotiate for sponsor agreements and maintain communication to manage the program funding budget.
- Develop comprehensive documentation to streamline action-plan procedures, guidelines, and rules.