Shane Kasmarogi

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PROJECTS

Chicago Free-Food Network (CFFN) Database System | MS Access, SQL, ERDPlus

Independent Project

- Built relational database with 7 linked tables and enforced referential integrity.
- Automated donation and inventory reports with SQL date logic, reducing manual tracking.
- Designed many-to-many structure linking recipients to distribution events for flexible reporting.

Netflix Movie Recommendation Model | Python, Pandas, Scikit-Learn

- Built a content-based recommendation engine that suggests similar titles based on genre, runtime, and release year.
- Implemented similarity scoring and visualized correlations between content traits and recommendation patterns.

WORK EXPERIENCE

Rosalind Franklin University • Chicago, Illinois • 06/2023 - 05/2024

Study Coordinator (Contract)

- Developed and implemented training protocols to standardize study procedures, improving staff efficiency and data accuracy.
- Analyzed ad-performance data in Excel and Python, identifying top-performing campaigns that increased recruitment click-through rates by 22%.
- Programmed a new budget tracking system in Excel, resulting in a 50% reduction in time spent on manual data entry and ensuring 100% accuracy of expense reporting.

Loyola University Chicago • 08/2025 - Present

Graduate Assistant - Student Accessibility Center (SAC)

- Manage and validate student accommodation data across SharePoint, Teams, and Accommodate systems, ensuring 100% accuracy for confidential university records.
- Streamlined digital recordkeeping processes, improving turnaround time for accommodation requests by standardizing intake data.

Sago • Phoenix, Arizona • 05/2021 - 05/2023

Research Project Interviewer

- Conducted 500 + market-research interviews via Qualtrics, ensuring high data-quality standards.
- Streamlined participant recruitment and scheduling, boosting study completion rates by 30%.

EDUCATION

Master of Science in Business Analytics

Loyola University Chicago
Chicago, Illinois
08/2026

Bachelor of Science in Psychology

Arizona State University
Tempe, Arizona

Associate of Applied Science in Psychology

Scottsdale Community College
Scottsdale, Arizona

SKILLS

Programming & Analysis:
Python, R Studio, SPSS, SQL

Data Visualization & Tools:
AWS, Excel, MS Access, Power BI, Snowflake, Tableau

Database & Systems:
Database Design, MySQL, SAP Concur

Collaboration & Project Management:
Asana, Google Drive, Microsoft Office Suite, Microsoft Teams