

Aldrich Paras

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Experience

TXODDS | Chicago, IL

Sports Data Quality Assurance Specialist

October 2024 - Present

- Spearheaded the development and deployment of an end-to-end system automation initiative, improving workflow efficiency by 60%
- Presented the tool's business case to executives and travelled to London office to support strategic planning of cross-team integration
- Established QA department systems, reporting, and documentation, resulting in \$120,000 in annual savings

Live Data Analyst

August - October 2024

- Collected accurate play data for NCAA football games, ensuring rapid results and data points for client base

Harris & Harris | Chicago, IL

Data Analyst

January 2023 - August 2024

- Investigate and rectify client balance discrepancies in over 800 datasets, garnering a company match rate of 96% and saving \$35,000 annually
- Build weekly reconciliation summary reports with PivotTables to locate trends and create areas of focus, leading to a 40% client renewal rate increase
- Develop actionable automation tickets to leaders for programming bottlenecks, reducing manual labor by 12 hours weekly

Broadstreet Institute | Chicago, IL

Quality Assurance Intern

April - June 2023

- Detected and fixed company-wide database inconsistencies for 16 clients, resulting in a 18% reduction in data item errors and a 35% increase in dataset reliability

Pro Football Focus | Chicago, IL

Football Data Collector

September - December 2022

- Generated precise after action reports of NCAA player positions and statistics utilizing video evidence, resulting in a 17% increase in database accuracy
- Collaborated with 2 delivery teams in media processing and data quality assurance to process and analyze client data, streamlining work efficiency by 45%

Milwaukee Assessor's Office | Loyola University Chicago

Data Science Consultant

January – May 2021

- Developed a python recommendation system and feature set selection to predict similar Milwaukee properties, raising model accuracy by 51%
- Generated statistical reports and visualizations for client showcase, improving client satisfaction by 43%

Ascent Home Care | Naperville, IL

Financial Intern

May 2018 – May 2019

- Prepared biweekly invoices and payroll for 30 clients and employees, refining on-time submissions to 100%
- Provided administrative support to company leaders and executives, improving office productivity by 22%

Education

Loyola University Chicago | Chicago, IL

May 2022

Bachelor of Science in Data Science

Honors/Awards: Magna Cum Laude, Departmental Honors, LUC Dean's List (All Eligible Semesters)

Relative Coursework: Consulting, Machine Learning, NLP, Database Programming, Regression Analysis

Technical Skills

Languages & Tools: Python, R, SQL, Snowflake, Airtable, Docker, Shiny, sci-kit learn

Skills: API Integration, Automation, Database ETL, Web Scraping, Regression Analysis