

# Aldrich Paras

Chicago, IL | (630)-890-2006 | [Ajtparas@gmail.com](mailto:Ajtparas@gmail.com) | [Portfolio](#) | [LinkedIn](#)

## Experience

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### **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

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### **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

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

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