Jaimny Ramos Ruballos

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Education

The University of Chicago, Chicago, IL | *B.S. and M.S. in Computer Science (3+1 program)* Sept. 2023 – Jun. 2027

- **GPA:** 3.42
- **Awards:** The Gates Scholarship, QuestBridge, Odyssey Scholar
- **Relevant Coursework:** Intro to CS 1&2, Systems Programing 1&2, Intro to Computer Security, Intro to Database Systems, Machine Learning, Adversarial Machine Learning, Statistical Models & Methods, Data Science I & II
- **Involvements:** Data Science Society, Student Health Advisory Board, WiCys

Technical Skills

Languages: Python (pandas, NumPy), C, SQL, R
Tools: Google BigQuery, Data Studio, Git, Jupyter Notebook, Microsoft Office, Canva

Work Experience

Wayfair, Boston, MA | *Operations Analyst Intern* June 2026 – August 2026

- Designed and engineered a dashboard using BigQuery (SQL) and Data Studio to measure employee efficiency across Wayfair's 12 fulfillment centers, automating a manual reporting process and reducing metric reporting time by **95%**
- Visited Wayfair's fulfillment center in Georgia and delivered workflow improvement recommendations across **3** distinct processes, identifying key operational inefficiencies
- Maintained and updated SQL logic across **4** dashboards in a continuously evolving environment, adapting to shifts in warehouse technology and operational practices while ensuring data accuracy and close collaboration with warehouse systems engineers

UChicago Department of Computer Science, Chicago, IL | *Academic Grader* Sept. 2025 – June 2026

- Graded homework assignments for **85** students during Autumn 2025 in the master's class MPCS 50103: Mathematics for Computer Science: Discrete Mathematics
- Graded homework assignments for **267+** students during Winter 2026 & Spring 2026 for the undergraduate class CMSC 14200: Introduction to Computer Science II

Alpha Sophia, Remote | *Data Science/Data Engineer Intern* Jun. 2025 – Aug. 2025

- Developed machine-learning-based matching logic to group **1.8M** healthcare organization NPIs into useful sites of care, achieving an overall **34.6%** match rate
- Trained a **95%** accurate Random Forest Classifier on engineered features including string similarities and geospatial proximities

UChicago Department of Physics, Chicago, IL | *Student Office Assistant* Oct. 2024 - Jun. 2025

- Prepared rooms and refreshments for **15+** weekly science colloquium talks and other special events, ensuring smooth operations and guest comfort
- Designed and distributed promotional posters using Canva to boost event visibility and attendance

Alpha Sophia, Remote | *Data Science Intern* Jul. 2024 – Aug. 2024

- Implemented data science methodologies to match **96,000+** LinkedIn healthcare profiles to Alpha Sophia's internal provider database using Python libraries pandas and recordlinkage

Projects

Sports Travel Agency Case Competition Feb. 2026

- Participated in the Prism x BCG Winter 2026 case competition
- Created a go-to market proposal to expand a fantasy sports travel agency into Asian and European markets, as well as to expand services into the fashion and film industries

First/Last Mile Analysis Mar. 2025

- Proposed optimal Divvy bike-share station placements around Chicago to solve the "first/last mile" transportation issue caused by CTA bus arrivals exceeding 5 minutes before/after their scheduled time
- Implemented geospatial techniques in R to analyze bus stop data and identify clusters where bus arrivals tend to be unreliable

Community Involvement/Leadership experience

Data Science Society, Chicago, IL | *Former Technical Workshop Co-Leader* Oct. 2025 – Feb. 2026

- Led educational workshops to teach students key data science skills, including SQL, R, and machine learning concepts

Chicago Street Medicine, Chicago, IL | *Spanish Translator Volunteer* Oct. 2023 – Aug. 2025

- Provided Spanish-English translation for homeless immigrant families to access medical care, social services, and essential supplies