

Carlos Soto

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EDUCATION

The University of Chicago

Bachelor of Science in Economics with Data Science specialization

Chicago, IL

June 2026

PROFESSIONAL EXPERIENCE

Shepherd Ventures

San Diego, CA

Quantitative Researcher

September 2024 - Current

- Estimated black swan stock beta and other key metrics as research team by constructing statistical methods for time series data.
- Developed statistical and ML models for cross-team collaboration efforts.
- Meet weekly with CEO to direct company's research efforts.

Axon Group, eXp Realty

Chicago, IL

Realtor

June 2023 - Current

- Consult investors on investments, construction, and management.
- Acquired, transferred, and sold >20 investment properties by managing 2 salespeople to cold call distressed homeowners.

Federal Reserve Bank of Chicago

Chicago, IL

Summer Analyst

June 2024 - August 2025

- Analyzed datasets to find root causes of compliance issues using ML models.
- Built case studies and training resources to compliance routines.
- Presented research projects on compliance issues and causes of real estate indicator residuals.

Inorganic.Io

Chapel Hill, NC

Model Developer

April 2024 - June 2025

- Developed MLP model to classify company data into industry categories with 92% accuracy.
- Created PE firm database using MLP model to classify compatible PE firms for deal opportunities.

NextGen Growth Partners

Chicago, IL

Software Developer

February 2024 - May 2025

- Developed proprietary search fund software by directing 6 interns.
- Implemented algorithm to prioritize high-probability targets.

Proze Legacy LLC

Chicago, IL

Private Equity Analyst

December 2023 - April 2024

- Led 4 interns in labeling companies based on CEO's criteria for search fund target companies.
- Qualified target companies by performing LBO and financial statement analysis.
- Developed company profile and industry analysis for target companies.

Hans Schreiber Lab

Chicago, IL

Research Assistant

September 2023 - January 2024

- Improved protein stability by 19% with python algorithm to codon optimize plasmids.
- Collaborated with lab members to synthesize experiment workflow and lab procedures.
- Performed various assays, CRISPR experiments.

SKILLS

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Computer: Python, R, SQL, Excel

Languages: English and Spanish