

DANIEL WERNER

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EDUCATION

University of Chicago | Chicago, IL June 2025
Bachelor of Arts in *Mathematics* and *Economics (Cum laude)*
Cumulative GPA: **3.93 / 4.00** | Relevant Coursework: Honors Economics, Honors Calculus, Real Analysis, Abstract Linear Algebra, Numerical Analysis, Honors Econometrics, ECMA 33603: Macroeconomics and Financial Frictions

PROFESSIONAL EXPERIENCE

Predoctoral Research Fellow | Stanford, CA July 2025 – Present
Predoctoral research fellow for Professor Matthew Gentzkow

- Constructed analysis-ready datasets from large-scale education, mobile device usage, and administrative records across multiple randomized controlled trials studying social media restrictions and phone bans in schools; developed automated data quality monitoring systems using Qualtrics API and R/Stata pipelines
- Produced publication-ready figures, regression tables, and data appendices for working papers; contributed to all stages of research workflow including literature review, survey design and distribution, statistical analysis, and results visualization

Federal Reserve Bank of New York | New York City, NY June 2023 – August 2023
Intern in the Time Series Team (Research and Statistics Group)

- Applied data for the Harmonized Index of Consumer Prices to the team's new Multivariate Core Trend Inflation model in order to discern both global and domestic patterns in sector-specific and general inflation pressures across advanced economies
- Implemented an API to gather and clean large data sets from Haver Analytics, FRED, and the Bureau of Labor Statistics

University of Chicago | Chicago, IL June 2022 – August 2022
Research Assistant, Harald Uhlig

- Created programs using Dynare to graph decision rules and solve for steady state in dynamic programming problems
- Engineered a numerical analysis model in MATLAB as described in Professor Harald Uhlig's 1990 PhD thesis "Costly Information Acquisition, Stock Prices, and Neoclassical Growth" – these iterative algorithms included value function loops, asset distribution loops, wage loops, price loops, and calculations of aggregate demands and capital distributions

KKR | New York, NY June 2024 – August 2024
Analyst on Macro Research Team

- Wrote a Monte Carlo simulation in R to determine optimal portfolio allocations for individual investors looking to incorporate private asset classes to their portfolio, used an AR(1) process to de-smooth return volatilities
- Developed a method to quantify the liquidity of private asset classes and wrote a portfolio construction algorithm to optimize along a mean-variance-liquidity frontier – work was published on the company's website

AWARDS

David S. Hu Award For Best Undergraduate Thesis May 2025
University of Chicago Dean's List 2021-2022, 2023-2024, 2024-2025
Goldman Sachs Emerging Leaders, D.E. Shaw Latitude Fellowship May 2022 – present
Jeff Metcalf \$5,000 Research Stipend June 2022 – August 2022
Hispanic National Merit Scholar May 2020
National Merit Scholarship at University of Chicago September 2021 – June 2025

SKILLS & INTERESTS

Skills: Python, Java, MATLAB, Excel, Word, R, Fluent in Spanish and French
Interests: Reading non-fiction in history, math, and economics; La Liga Soccer (Barcelona fan); Movies; Skiing