

Dylan Sunjic

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EDUCATION

The University of Chicago

GPA: 3.82/4.00

Bachelor of Arts, Economics with a Specialization in Data Science

September 2020 – June 2024

Bachelor of Science, Statistics

Master of Science, Financial Mathematics

March 2024 – Expected, March 2025

- Honors: President's Scholarship Recipient, Alpha Scholarship Recipient, Dean's List (2021, 2022), Cum Laude
- Notable Courses: Probability Theory; Time Series; Machine Learning; Numerical Analysis; Multiple Testing, Modern Inference, and Replicability; Macro Finance

SKILLS

Technology: R, Python (including Pandas, NumPy, and Matplotlib libraries), Ruby

Knowledge: Financial Markets, Machine Learning, Statistical Modeling, Econometrics

PROFESSIONAL EXPERIENCE

Windy Financial, LLC (Later, Ace Trading, LLC)

Chicago, IL

Quantitative Trading Intern

June 2023 – September 2023, January 2024 – April 2024

- Programmed live-stream VWAP indicators as well as a graphical dashboard to visualize ongoing trades
- Designed and implemented algorithmic arbitrage strategies to take advantage of inefficiencies in stablecoin markets
- Built signals rooted in volume analysis to better execute one-sided market-making strategies

Irrational Agency

London, UK

Research Intern (Remote)

May 2023 – September 2023

- Co-led a project to dive into which survey types best reduce the “say-do gap”—the discrepancy between what is said by a survey respondent and what they end up doing
- Constructed a sentiment analysis model that was trained on large datasets of labeled reviews of streaming services to quantify textual survey response sentiment
- Created and analyzed logarithmic regressions in R that compared survey response sentiment to the rate at which respondents would actually click links to the streaming services advertised to them
- Selected as one of only five research projects to be presented at the 2023 ESOMAR Art and Science of Innovation Conference in Singapore

NextGen Growth Partners

Chicago, IL

Private Equity, Deal Sourcing Intern

June 2022 – August 2022

- Led a team of eight interns in a project focused on web scraping using Python and analyzing data of successful and failed searches between 1996 and 2020
- Presented the results to the NextGen team to advise them on which entrepreneurs to hire for their second fund

UL Crime and Education Lab

Chicago, IL

Research Assistant

December 2021 – June 2022

- Implemented a computer-assisted learning (CAL) program (MATHia) in 6th-8th grade classrooms in Chicago Public Schools to measure the effect of digital, personalized learning on math scores in contrast to traditional teaching techniques
- Created a series of online CAL instructions to support 5 teachers in discussing goals and plans for students
- Discovered a 15% increase in math exam scores amongst middle-school students who used MATHia for one hour/week for five weeks as opposed to those who did not use it at all

LEADERSHIP & ACTIVITIES

Expert Chess Player

Around the World

USCF Rating- 2123 (97th Percentile, including professionals)

April 2009 – Present

- 4x Florida Junior State Chess Champion; 2x National Runner-Up
- Member of The University of Chicago Chess Team
- Competed in the Pan-American Inter-Collegiate Chess Championships and Tied for Sixth Place (2021)

Blockchain Club, The University of Chicago

Chicago, IL

Treasurer

January 2022 – Present

- Manage the club's budget to finance speaker events, conferences, and hackathons
- Co-design the curriculum and conduct interviews for an intensive 10-week cohort

ADDITIONAL INFORMATION

Languages: Proficient in reading, writing, and speaking Spanish, Bosnian, Croatian, and Serbian

Interests: Chess, Poker, Jiu-Jitsu