

Duncan Park

Chicago, IL | (404) 368-6068 | dpark9@uchicago.edu | [LinkedIn](#)

EDUCATION

The University of Chicago

Master of Science in Financial Mathematics

FinMath Alpha Merit Scholarship Recipient

- Courses: Portfolio Theory & Risk Management, Python, Option Pricing, Probability & Stochastic Processes

Chicago, IL

Expected December 2025

University of Notre Dame

Bachelor of Science of Computer Science (GPA: 3.77/4.0)

- Courses: Stochastic Modeling, Machine Learning, Neural Networks, Trading and Markets, Probability & Statistics, Data Science, Algorithms, Operating Systems, Data Structures, Discrete Mathematics
- Honors: Dean's List

Notre Dame, IN

May 2024

SKILLS

Computing: Proficient with Python, C/C++, MS Office. Familiar with JavaScript, SQL

Knowledge: Financial Markets, Equity Options, Market Making, Machine Learning, Data Analysis

Exam: FINRA Securities Industry Essentials (SIE): Passed

EXPERIENCE

TerraForm Power / Brookfield Renewable U.S.

New York, NY

Energy Trading Intern

July 2024 - August 2024

- Performed data engineering and predictive modeling using Python and SQL within Commercial Development team to improve trading operations and monetization of ~2000MW of wind and solar assets

Cutler Group

San Francisco, CA

Quantitative Trader Intern

July 2023 - August 2023

- Developed deep understanding of market making via lectures, mock trading sessions, poker, project(s), and more
- Analyzed option pricing model's time decay parameters with Python and SQL

Keebeck Alpha

Stamford, CT

Quantitative Research Intern

July 2022 - August 2022

- Collaborated with researchers to perform quantitative hypothesis-driven research and process-based investing
- Implemented backtesting of model-driven trading strategies, including a market-neutral statistical arbitrage strategy utilizing concepts such as Principal Component Analysis, systematic/idiosyncratic risk, and mean-reversion

World 50

Atlanta, GA

Lead Membership Development Intern

June 2021 - August 2021

- Leveraged Excel, Salesforce, and Capital IQ daily to research C-Level executive prospects and their respective companies

EXTRACURRICULAR

Student International Business Council

Notre Dame, IN

Trinitas Quant Engineering Project Member

May 2023 - August 2023

- Collaborated with a Notre Dame alumnus at Trinitas Capital in a group of ten to explore the quantitative finance industry via developing and building trading algorithms

Quant Club

Notre Dame, IN

Sports Betting Project Co-Leader

January 2022 - August 2022

- Utilized web scraping, statistics, and data analysis to create and assess sports betting strategies

CS4Good

Notre Dame, IN

Motels4Now Project Leader

August 2021 - February 2022

- Led group of eight students and coordinated with Motels4Now, a local program that houses the chronically homeless in dignity and helps many move into long-term, month-to-month housing

Student International Business Council

Notre Dame, IN

Goldman Sachs Project Travel Team Member

August 2021 - November 2021

- Investigated various alternatives for Energizer, including an acquisition, equity or debt issuance, and a sale of the company, culminated in Excel Model and fifty slide PowerPoint

ADDITIONAL INFORMATION

Interests: Quantitative Finance, Energy Markets, Poker, Cooking, Skiing, Notre Dame Football, Travel, Sports Analytics, Golf