

Andy Rodriguez

5748 S Blackstone Ave, Chicago, IL 60637

andyrodriguez0@gmail.com | 404.452.4351 | <https://www.linkedin.com/in/andyrodriguezmit/>

EDUCATION

University of Chicago

Master of Science in Computer Science

Chicago, IL

September 2022 – June 2024

- **Specialization:** High Performance Computing
- **Relevant Coursework:** Concepts of Programming, Mathematics for Computer Science: Discrete Mathematics

Massachusetts Institute of Technology

Bachelor of Science in Chemical Engineering

Cambridge, MA

September 2015 – June 2019

- **GPA:** 5.0/5.0
- **Robert T. Haslam Cup Recipient:** Awarded to a single student in each graduating class who shows outstanding professional promise in the field of chemical engineering

EXPERIENCE

Goldman Sachs

Associate, Structured Finance Investing and Lending

New York, NY

July 2019 – September 2022

- Managed the mortgage department's \$53 billion asset-backed lending business across residential, consumer, and commercial asset classes through business-wide ongoing risk analysis, asset valuation work, and periodic reporting to management
- **Select Transaction Experience:**
 - \$400mm warehouse financing facility to a fintech originator of point-of-sale consumer installment receivables (November 2021)
 - Served as the deal team manager for all aspects of the documentation, coordination, and execution of the deal
 - Analyzed the effect of stress economic scenarios on receivable performance to catalog expected levels of credit enhancement
 - \$5mm series C investment in a fintech auto loan originator focused on foreign national students in the US (June 2021)
 - Valued target company through multiples-based valuation including the effects of dilution and over- / under-performance
 - Conducted market research to identify and size total addressable market and forecast market penetration

Summer Analyst

June 2018 – August 2018

- Rotated on Structured Finance Investing and Lending, Structured Products Trading, and Leveraged Finance Trading

NERA Economic Consulting

Winter Analyst, Securities

New York, NY

January 2018 – February 2018

- Quantified damages in lost EBITDA in fraud litigation after the \$800 million acquisition of a specialty plastics conglomerate
- Conducted several statistical tests including self-correlation to test the market efficiency of Alibaba's shares during a class period

ExxonMobil Chemical

Intern, Global Supply Chain

Spring, TX

May 2017 – August 2017

- Supported the global distribution of Vistamaxx, a semi-crystalline performance polymer, through the development of an Excel-based predictive model that estimates the probability of success of sales opportunities based on 10+ hand-selected attributes

COMMUNITY SERVICE & LEADERSHIP

Achilles International, NYC Chapter

Guide

New York, NY

January 2020 – September 2022

- Served as a running guide and training partner for athletes with disabilities in preparation for races and other athletic events
- Fostered relationships with athletes and other guides to develop a community of inclusion, camaraderie, and healthy competition

Theta Tau Fraternity

President, Vice President, Professional Development Chair

Boston, MA

May 2016 – June 2019

- Oversaw day-to-day operations of fraternity including bi-weekly meetings and interaction with school administration and alumni
- Promoted a culture of professional development through campus-wide resume workshops and upperclassmen speaker series

Other Affiliations: 21st Century Leaders, Children's Healthcare of Atlanta Volunteer, Management Leadership for Tomorrow (MLT)

OTHER SKILLS & INTERESTS

Computer: Proficient in Microsoft Office Suite, Intermediate Experience in Bloomberg, IntexCalc, MATLAB, Python (Matplotlib, NumPy, Pandas, Seaborn), Qlik Sense

Language: Bilingual English and Spanish

Interests: Atlanta Sports, Esports and Gaming, Jeopardy!, Reading, Running (2020 Atlanta Marathon), Speedcubing (Rubik's Cube)