

Matthew Nay
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EDUCATION

Massachusetts Institute of Technology (MIT) **Cambridge, Massachusetts**
Candidate for Master of Engineering in Computer Science, Data Science, and Economics June 2024
GPA 5/5

Massachusetts Institute of Technology (MIT) **Cambridge, Massachusetts**
B.S. in Computer Science, Data Science, and Economics and Business Analytics June 2023
GPA 4.6/5 **Varsity Athletics:** Member of MIT Baseball Team

Relevant Coursework: Design and Analysis of Algorithms, Econometrics, Machine Learning, Stochastic Models, Linear Algebra, Optimization Methods, Web3 and Strategy, Blockchain and Money, Energy Economics and Policy, Spanish III

EXPERIENCE

MIT Center for Constructive Communication **Cambridge, Massachusetts**
Research Analyst Intern July 2022 - Present

- Working with Professor Deb Roy and team to research the effects of deepening societal fragmentation in America
- Investigating DSNP and other decentralized social networking protocols, like its associated Frequency blockchain technology with a goal of demonstrating the technical possibility of decentralized technology towards the Fora project

GoldenChain Asset Management (Subsidiary of GoldenTree Asset Management) **New York, New York**
Research Analyst Intern January 2022; June 2022 – August 2022

- Global asset management firm that specializes in opportunities across the credit universe in sectors such as high yield bonds, leveraged loans, distressed, structured products, emerging markets, and credit-themed equities with \$47 billion AUM
- Built out reports and investment recommendations on digital assets focusing on protocol owned liquidity projects, on-chain NFT gaming space, decentralized lending protocols that use real world assets as collateral, and distressed centralized lenders
- Used the Compound Protocol API and a telegram bot that would update the team on the health and status of a position

4APP Sports **Boston, Massachusetts**
Quantitative Analyst October 2021- December 2021

- Dedicated to accelerating the career trajectories of professional baseball players by developing and standardizing information and services available to them. 4APP synthesizes research and technologies to assist the player of the future.
- Producing various game day hitting tools to gain strategic advantage by visualizations and player prediction models

Lincoln Financial Group **Radnor, Pennsylvania**
Data Engineering Intern June 2021- August 2021

-Worked with the Data Engineering team inside their Enterprise Data Management Department and worked with over 38TB of Fortune 250 data producing queries and tables for various daily tasks
- Produced a script to automate the monitoring of their data quality metric script that displays the overall quality of Lincoln's data lake which is compiled and given unique keys to link all fields from various customers throughout the enterprise

LEADERSHIP

Sloan Blockchain Club **Cambridge, Massachusetts**
Vice President of Undergraduate Relations September 2022 – Present

- Club with over 250+ members bringing weekly blockchain related information sessions with industry leaders and protocols

Sloan Gaming Industry Club **Cambridge, Massachusetts**
Web3/Blockchain Executive Director September 2022 – Present

- Club provides the MIT community with opportunities to learn more about the gaming industry, explore career options and network in the gaming space by hosting the MIT Gaming Industry Conference with over 400 industry professionals attending
- Panels and keynotes explore various topics such as the future of user-generated content, esports, storytelling, metaverse, applications of blockchain, building and scaling a gaming startup, and using generative AI for game development

Chi Phi Fraternity **Cambridge, Massachusetts**
President June 2021 – December 2021

- Led a chapter with 50+ members and developed goals to enhance community relations while also being a voice of the house on IFC and FSILG committees; started this goal by revamping our Community Relations Chair to have more involvement

Camp Kesem **Cambridge, Massachusetts**
Camp Counselor April 2021 – August 2022

- Nationwide community, driven by passionate college student leaders, that supports children through and beyond their parent's cancer. Kesem is the largest national organization dedicated to supporting children impacted by a parent's cancer

Little Beavers **Cambridge, Massachusetts**
Coach February 2020 - Present

-Student-athlete ran program providing children with autism to help gain confidence and participate on athletic teams

SKILLS AND INTERESTS

Computer: Python | Microsoft Excel | Microsoft PowerPoint | SQL | R | Julia Language | Stata | Dune Analytics | Java

Interests: NCAA DIII Baseball | Web3/Blockchain | Baseball Analytics | Golf | College Football | Commodities | Star Wars