

# Matt McManus

[mattmcm@mit.edu](mailto:mattmcm@mit.edu) | [linkedin.com/in/mattmcm](https://www.linkedin.com/in/mattmcm) | [mattmcmmanus.co](http://mattmcmmanus.co)

## EDUCATION

### Massachusetts Institute of Technology

Bachelor of Science in Mathematics and Computer Science, Minor in Finance; GPA: 4.5/5.0

Cambridge, MA

Sept. 2019 - May 2023

- **Activities and Societies:** MIT Pokerbots, MIT Squash Team, Phi Kappa Theta Fraternity
- **Relevant Coursework:** 6.009 Programming, 6.046 Algorithms, 18.650 Fundamentals of Statistics, 18.600 Probability and Random Variables, 15.438 Fixed Income Securities and Derivatives (Grad)

### Harvard College

Cross-Registered Student

Cambridge, MA

Sept. 2021 – May 2023

## WORK EXPERIENCE

### Performance Trust Capital Partners

Trading Desk Intern / Software Engineer

Chicago, IL

Jun. 2021 – Aug. 2021

- Projects: Implementing a Trade Away and Mortgage Holders Report, Automated a CMO New-Issue offer Summary
- Shadowing: New-Issue CMO Desk
- Skills: Mortgage-Backed Securities, Valuation of Mortgages, Python (Pandas), Microsoft Excel (VBA), Bloomberg

### Neomantra

Trading Strategy / Software Developer

Greenwich, CT

Mar. 2020 – Feb. 2021

- Projects: Built infrastructure to monitor daily stock splits, earning reports and daily fees  
Developed a potential trading strategy by analyzing the correlation between daily stock prices and closing cross  
Automated an execution fee report based on NYSE, NASDAQ, TRF, ACT, etc.. fees
- Skills: GoLang, SQL, IEXCloud API, Model Selection, Machine Learning, Python, U.S. Equities

### Hosta Labs

Business Developer / Software Engineer

Cambridge, MA

Jan. 2020

- Projects: Built the UI of the IOS App and connected the database of user logins to Hosta's server  
Analyzed Hosta Labs Competitors and Presented out Business Strategy to show Investors
- Skills: Python, PowerPoint, Excel, PowerPoint, Swift, JavaScript (React Native)

### Blockchains For Schools

Sponsorship Coordinator

Cambridge, MA

Oct. 2019 – Mar. 2020

- Acquired sponsorships from Microsoft, Citigroup, Ernst & Young, the Ethereum Foundation, and Trail of Bits

## RESEARCH EXPERIENCE

### MIT Sloan School of Management

Research Assistant – Renee Gosline

Cambridge, MA

Sept. 2019 - Jan. 2020

- Project: Analyzed results of consumer preferences based on the delivery of Financial Advisory Services
- Skills: Microsoft Excel

## EXTRACURRICULAR EXPERIENCE

### MIT Pokerbots

Instructor; Treasurer

Cambridge, MA

Sept. 2020 - Present

- **Instructor:** Directed a coding competition where participants learned machine learning concepts to create a poker bot
- **Treasurer:** Campaigned for over \$60,000 in company sponsorships and manage club expenses

### MIT HKN (Eta Kappa Nu)

Tutor

Cambridge, MA

Sept. 2020 - Present

- Tutor students in 6.0001/2 Intro to Computer Science and 6.006 Introduction to Algorithms

### MIT Squash Team

Member

Cambridge, MA

Sept. 2019 - Present

- Awarded Most Improved Award during the 2019-2020 Season

## AWARDS, SKILLS, & INTERESTS

### Awards:

- Euler Award for Academic Excellence in Mathematics
- Top 10 Nationally Ranked Junior Squash Player
- 4 time U.S. Squash Scholar Athlete

**Skills:** Python | GoLang | SQL | R | Bloomberg | VBA | Excel & PowerPoint | Data Analysis | Research

**Interests:** Basketball | Frisbee | Running | Artificial Intelligence | Automation | Photography | Cryptocurrency