

# Matt McManus

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

## EDUCATION

### Massachusetts Institute of Technology

Bachelor of Science in Computer Science and Mathematics

Cambridge, MA

Sept. 2019 – May 2023

- **Activities and Societies:** MIT Pokerbots, MIT Squash Team, Phi Kappa Theta Fraternity
- **Relevant Coursework:** 6.867 Machine Learning (Graduate), 6.009 Fundamentals of Programming, 6.046 Algorithms, 6.S058 Representation and Inference in A.I., 18.600 Probability and Random Variables, 18.650 Fundamentals of Statistics

### Harvard College

Cross-Registered Student

Cambridge, MA

Sept. 2021 – May 2023

## WORK EXPERIENCE

### Performance Trust Capital Partners

Software Engineering and Trading Intern

Chicago, IL

Jun. 2021 – Aug. 2021

- Developed a permanent Python application to parse thousands of financial lists from textual data sources and automatically mapped them to Bloomberg's API to identify new-listings of mortgage based obligations
- Identified new trading opportunities by aggregating and cleaning a dataset of over 12,000 mortgages to infer the top 20 security holders as potential clients

### Neomantra

Software and Trading Strategy Developer

Greenwich, CT

Mar. 2020 – Feb. 2021

- Constructed a potential trading strategy by analyzing the correlation between intraday stock prices and closing cross
- Engineered a script to monitor stock splits, earning reports and daily fees for different U.S. equities
- Built an Automated report tracking the fees from different U.S. Market Exchanges

### Hosta Labs

Software Engineer and Business Developer

Cambridge, MA

Jan. 2020

- Configured the UI of the Hosta Labs IOS App and connected the database of user logins to Hosta's server
- Researched Hosta Labs competitors and presented a business strategy to investors

### 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

Cambridge, MA

Sept. 2019 – Jan. 2020

- Analyzed financial advisory consumer preference data and converted them into quantitative measures that were used to better understand consumer psychology

## EXTRACURRICULAR EXPERIENCE

### MIT Pokerbots

Instructor, Treasurer

Cambridge, MA

Sept. 2020 – Present

- Direct a coding competition where participants learned machine learning concepts to create a poker bot
- Campaign for over \$70,000 in company sponsorships and manage club expenses

### MIT HKN

Tutor

Cambridge, MA

Sept. 2019 – Present

- Tutor students in Intro to Computer Science and Introduction to Algorithms classes

### MIT Squash Team

Member

Cambridge, MA

Sept. 2019 – Present

- Achieved a National Team Ranking of 16<sup>th</sup> in the U.S.
- Ranked within the top 20 Squash Players in the U.S. throughout junior career

## SKILLS AND INTERESTS

- **Skills:** Python | Java | C++ | GoLang | SQL | R | Bloomberg | VBA | Excel & PowerPoint | Data Analysis | Research
- **Interests:** Basketball | Frisbee | Running | Artificial Intelligence | Automation | Photography | Cryptocurrency