

Tory Lentine

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

GPA: 5.0/5.0–Candidate for S.B. in Mathematics and Business Analytics

May 2023

- Coursework: Discrete Math, Stochastic Models, Probability, Optimization, Game Theory, Macroeconomics
- TA–Microeconomics (Fall 2020), Classical Mechanics (Fall 2020), Linear Algebra (Spring, Fall 2021)
- Corporate Relations Chair–Undergraduate Society for Mathematicians in Investment
- Vice President–Delta Kappa Epsilon fraternity
- Varsity lacrosse and football–NEWMAC Champ, 2x Academic All-Conference, SAAC Representative

Hunterdon Central Regional High School

Flemington, NJ

Weighted GPA: 4.4 / SAT: 1520 (800 Math, 720 EBRW)

June 2019

PROJECTS

Public Finance and Public Policy

Winter 2021

- Revised, updated and supplemented textbook chapters to be included in the book's seventh edition.
- Covered topics such as externalities and the economics of public finance, social insurance, taxation and redistribution.

HackMIT

Sept. 2020

- Used HTML, CSS, and JavaScript to create a web app to use as a teaching tool for guided remote problem solving.

Quantopian

Summer 2020

- Created and backtested basic trading algorithms in Python-based program to live-trade equities, ETFs, and derivatives. Utilized Python libraries to find arbitrage from a variety of datasets.
- Filtered data on select criteria to test strategies for technical analysis and to aid discretionary trades.

MIT PokerBots Competition

Jan. 2020

- Wrote Python code to compete in thousands of poker games in a variant of heads-up Texas hold 'em.
- Placed in the top 20 of 77 teams in all five tournaments. Finished as the second-place freshman team.

EXPERIENCE

Maine DHHS

Augusta, ME

Data Project Manager

May 2021–

- Built Tableau dashboards to display data and resources from Maine's statewide Age-Friendly Plan.
- Continued as a contract worker to develop dashboards for the state's new reporting initiative.

Armstrong Interiors

Flemington, NJ

Budget Analysis

Winter 2021

- Compiled and presented findings from 2+ years of work to advise construction business on improving profitability.
- Developed machine learning regression models to adjust future estimates and to assess new jobs.

Innovation Capital

El Segundo, CA

Financial Analyst Intern

Summer 2020

- Analyzed market data from the casino and restaurant industries, researched potential M&A opportunities and prepared financial presentations for boutique investment bank.

edX AP Microeconomics

Cambridge, MA

Course Manager

May 2020–September 2021

- Built, marketed, and managed online microeconomics course with Professor Jon Gruber for over 13,000 students in 150 countries. The course received the 2021 MITx Prize for Teaching and Learning in MOOCs.

SKILLS

Python, Excel, HTML, R, Julia, Tableau, \LaTeX , Robinhood, thinkorswim