Ekeoma Osondu
Undergraduate
Massachusetts Institute of Technology

+1 (973) 747-7285
eposondu@mit.edu

Major(s)

Mathematics and Computer Science (AI Concentration) (Courses 18 and 6-4)

Education

•Massachusetts Institute of Technology *Expected Graduation: May 2026*
Cambridge, MA GPA: 4.5
Artificial Intelligence & Decision Making and Mathematics

Experience

•Generative Model Research *August 2024 - Present*
Eric So Group
– Develop and evaluate generative AI models and compare them to the benchmark measures currently used in academic research and in accounting disclosure analysis.

•Inside Hudson River Trading *2024*
Undergraduate Delegate NY, NY
– Developed trading strategies based on market data and explored software development while learning under full-time developers and traders at the firm.

•Jane Street Focus *2024*
Undergraduate Fellow NY, NY
– Learned about equities & options trading and OCaml programming while participating in mock trading games with full-time Jane Street traders, software engineers, and analysts.

Projects

–Citadel Invitational Datathon *2024*
Pandas, Seaborn, Numpy
∗ Uncovered insights on the effects of meat production on unemployment rates in the United States through statistical modeling.
Repository

–MIT Pokerbots
Autonomous Poker Agent Contest January, 2024
∗ Technologies used: Python, C++, AWS
∗ Developed a poker playing agent. Simplified the game tree with abstraction, solved for Nash equilibrium using Monte Carlo CFR and used KNN to use solutions on new states.
Repository

Technical Skills and Interests

Languages: Python, Java, C++, Julia, Javascript,
Frameworks: Pandas, Pytorch, TensorFlow, Matplotlib, Seaborn
Soft Skills: Effective Communication, Coachability, Feedback-Reception
Contests: Citadel Invitational Datathon 2024, HackMIT 2023, HackHarvard 2023
Areas of Interest: Machine Learning, Game Theory, Probability and Statistics

Achievements

∗**2x Nigerian IOI Training Camp** Won qualifying contest series and competed in training camp *2018, 2019*

∗**RIT Computing Medal** Recognition in STEM subjects and undergraduate education scholarship *2021*

∗**MIT Pokerfest Bracelet Winner** 1st Place finisher MIT Invitational Poker Tournament *2024*

Coursework

6.1220 (Design and Analysis of Algorithms)
6.8611 (Natural Language Processing)
6.3700 (Stochastic Systems Analysis and Applied Probability)
6.3900 (Machine Learning)
18.C06 (Linear Algebra and Optimization)
14.01 (Microeconomics)