

# Eric Mannes

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## Education

2016 **Candidate for B.S. in Mathematics**, *Massachusetts Institute of Technology*, Cambridge, MA.

4.8/5.0 GPA. Relevant coursework includes Advanced Algorithms, Advanced Data Structures, Network and Computer Security, and Introduction to Theory of Computation.

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## Work and Research Experience

May–August 2014 **Trading Intern**, *Jane Street Capital*, New York, NY.

- Improved model for trading of ADRs
- Analyzed trends in long-term data for statistical arbitrage

June–August 2013 **Undergraduate Researcher**, *MIT Computer Science and Artificial Intelligence Lab*, Cambridge, MA.

- Studied lower bounds on multilinear formulas for quantum states

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## Leadership and Service

2012–present **Administrator**, *MIT Educational Studies Program*, Cambridge, MA.

- Directed Splash! 2013, a weekend-long educational program for 2670 high school students. Made policy decisions, led a team of 30+ administrators, and organized over 600 day-of teachers and volunteers.
- Created and taught classes on mathematics, puzzle-solving, and cognitive biases

2013 **Volunteer**, *I-HELP Liberia Project*, Kakata, Liberia.

- Co-developed and taught two-week workshop for 100 Liberian math and science teachers
- Co-wrote and held first Liberian Math Olympics for high school students in Monrovia

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## Skills

Languages and technologies Python, C, C++,  $\text{\LaTeX}$ , VBA, Linux, Git

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## Awards

2012 Honorable Mention, William Lowell Putnam Mathematics Competition, ranked 49/4277

2012, 2014 Winning team, MIT Mystery Hunt

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## Interests

- Solving puzzles, preparing beef (president of mitBEEF, MIT's beef appreciation club)