

Karleigh Moore

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### Education

- Class of 2012 Graduate of East Lansing High School
- Class of 2016 MIT, candidate for Bachelors of Science in Chemical-Biological Engineering
- GPA: 4.3

### Coursework

- AP Chemistry, AP Biology, AP Calculus, and AP Physics
- Principles of Chemical Science, Introductory Biology, Physics Mechanics, Electricity and Magnetism, Calculus I, II and III
- This term Introductory Chemical Engineering, Thermodynamics and Kinetics and Differential Equations.

### Research

- Worked as an undergraduate researcher in the chemical engineering department on "Mechanics of thermoresponsively tough, injectable hydrogels from artificially engineered proteins" Aug 2013-Present
  - Dealt with protein design, polymer physics, gel mechanics, protein expression and purification, and rheology.

### Leadership

- Volunteer work in mentoring autistic children
  - Provided special needs children with mentoring
  - Developed strong communication skills
- Tutoring
  - Explained concepts, aided study, held review sessions and assisted peers in chemistry, biology and math.

### Skills

- Speaks Spanish
  - 4 years of study in high school
- Computer skills: Well versed in Microsoft Word, Excel and Power Point. Good blogging/online communication skills. Familiar with Python and MATLAB.

### Employment

- Worked in MIT Experimental Study Group (ESG) as an office assistant 2013-present
  - Organized files, ran errands, general upkeep, emailed students
- Worked on the International Studies floor as an office assistant 2013-present
  - Organized files, sorted mail, filed financial documents, ran errands, made copies, general upkeep
- Worked in the MIT Tutorial Services Room (TSR) 2013-Aug 2013
  - Scheduled appointments, responded to emails and managed TSR front desk.