

# Emily J. Hanna

## Address

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## Education

**Massachusetts Institute of Technology.** S.B. June 2000

Major: Brain and Cognitive Science; Minor: Linguistics

GPA: 4.4/ 5.0. (4.6 including 50 hours of Ohio State U. courses)

**Ohio State University:** 50 hours in German, French, Arabic, Linguistics (GPA = 4.0 /4.0)

**Upper Arlington High School.** Upper Arlington, Ohio. 1996.

Valedictorian (rank 1/373). National Merit Finalist and scholarship recipient

## Relevant Coursework

**Linguistics:** Phonology, Syntax, Semantics, Psycholinguistics, Language Acquisition, Topics in Linguistic Theory.

**Foreign Language:** German (OSU, credit for 6 quarters), French (OSU, credit for 5 quarters, and one semester at MIT), Arabic (OSU, 3 quarters, and one semester at Harvard)

**Mathematics:** Linear Algebra, Calculus through Differential Equations, Probability and Statistics.

## Experience

**Eliza Corporation** May-October 2001. Linguistic Specialist.

**Speech Communication Group** Fall 2000-present. Responsible for codifying digitized audio into numerical data and performing computer statistical analysis on data.

**UROP** (Undergraduate Research Opportunity Program). 1996-2000, Summer 1998, 1999, 2000. Student Researcher in Speech Communication Group in the Research Laboratory of Electronics.

1996-1997: compiled computer database of over 10,000 speech errors on Macintosh

1997-present: labeled and analysed waveform files looking into the extent of pre-boundary lengthening. Used both Mac and UNIX extensively. Helped to train new UROP students in the lab.

**MIT Educational Studies Program.** 1999-2000 SAT tutor for Boston area students.

**Language Learning and Resource Center.** 1996-97. Assisted with running computer programs and helped foreign language students with audiovisual materials.

**Ohio State University Technology Services.** Summers 1996, 97. Site Assistant. Assisted with computer use (both windows and macintosh) and answered questions.

**COSI** (Center of Science and Industry) Columbus, Ohio. Volunteered over 300 hours 1995-1996. Gave demonstrations in physics, chemistry, and technology.

## Activities

**Rowing: Community Rowing Incorporated Boston, Competitive Women.** 2000. Rowed in finals at USRowing Club Nationals. **MIT Women's Varsity Crew Team.** 1996-2000. May 2000, ranked # 6 in NCAA II/III

**Orchestras:** Double bass: **MIT Symphony Orchestra.** 1998-99. **Pit orchestras:** 1996-present. 25 musicals produced by: MIT Gilbert & Sullivan Players, MIT Musical Theatre Guild, Harvard Gilbert & Sullivan Society, Harvard Dunster House Opera. **Holden Summer Orchestra** (Harvard). Summer 1999. **Columbus Symphony Youth Orchestra** 1993-1996.

**MIT Gilbert & Sullivan Players: Orchestra Manager.** Spring 2001.

**Commencement Ambassador and Hooding Ambassador.** 1997-1999. Assisted with MIT Commencements and Hooding Ceremonies.