



*The Word Problem in Quandles.* With Rena Levitt. B.A. Thesis, 2013.

*The Cophylogeny Reconstruction Problem.* With Ran Libeskind-Hadas. B.A. Thesis, 2013.

*Feature selection based on mutual information for human activity recognition.* With Ammar Khan, Nabil Hajj Chehade, Chieh Chien, and Greg Pottie. IEEE Intl. Conference on Acoustics, Speech and Signal Processing (ICASSP 2012).

SELECTED HONORS AND AWARDS NSF EAPSI Fellowship Award, 2016.

Distinction in Mathematics Senior Exercise, Pomona College, 2013.

Harvey Mudd College Computer Science Department Wing and Ellen Tam Software Development Award, 2010.

Developed a weather simulation game for a middle school.

RESEARCH AND TEACHING EXPERIENCE

**Visiting Scholar**, *University of Utah*, 2017.

**Fellow**, *NSF EAPSI*, Melbourne, Australia, 2016.

**Research Assistant**, *University of Illinois at Chicago*, 2016.

**Research Intern**, *MIT Lincoln Laboratory*, Lexington, MA, 2014 – 2016.

**Graduate Teaching Assistant**, *University of Illinois at Chicago*, 2013 – present.

Led discussion sections for Pre-calculus, Calculus I, Introduction to Computer Science, and Linear Algebra for Business.

**NSF REU Intern**, *Bard College*, Annandale-on-Hudson, NY 2012.

**NSF REU Intern**, *Center for Embedded Networked Sensing, UCLA*, Los Angeles, CA, 2011.

PROFESSIONAL ACTIVITIES

Conference reviewer for ICML 2016

Organizer of the Graduate Theoretical Computer Science Seminar at the University of Illinois at Chicago

Member of SIAM, Sigma Xi, and Phi Beta Kappa