

# Daniel N. Leyzberg

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## Education

Ph.D. Computer Science, Yale University, 2013. **(Expected)**

*Dissertation:* Assessing Cognitive Skill Competence In Human-Robot Interactions

*Committee:* Brian Scassellati, Dana Angluin, Drew McDermott, and Andrea Thomaz. **(In Progress)**

M.S. Computer Science, Yale University, 2009,

B.S. Computer Science and Mathematics (Dual), *Summa Cum Laude*,  
Rensselaer Polytechnic Institute, 2007.

## Research

### *Yale University, Department of Computer Science*

Research Assistant, Fall 2008–Present.

**Advisor:** Prof. Brian Scassellati.

Member of the Social Robotics Lab.

### *Rensselaer Polytechnic Institute, Department of Computer Science*

Undergraduate Research Assistant, Fall 2005–Spring 2007.

**Advisors:** Prof. Mark Goldberg, Prof. Malik Magdon-Ismael, and Prof. Dave Hollinger.

Theory research; developed novel algorithm to find minimum spanning trees for sparse random graphs.

## Publications

### *Conference Papers*

**Dan Leyzberg**, Eleanor Avrunin, Jenny Liu, and Brian Scassellati. (2011)

Robots That Express Emotion Elicit Better Human Teaching. In Proceedings of the 6th ACM/IEEE International Conference on Human Robot Interaction (HRI '11). (22% admittance rate.)

Elizabeth S. Kim, **Dan Leyzberg**, Katherine M. Tsui, and Brian Scassellati. (2009)

How People Talk When Teaching a Robot. In Proceedings of the 4th ACM/IEEE International Conference on Human Robot Interaction (HRI '09). (19% admittance rate.)

## Teaching

### *Yale University*

Introduction to Programming, Fall 2010. Teaching Fellow for Prof. Drew McDermott.

Introduction to Computer Science, Spring 2010. Teaching Fellow for Prof. Holly Rushmeier.

Artificial Intelligence, Fall 2009. Teaching Fellow for Prof. Brian Scassellati.

## *Rensselaer Polytechnic Institute*

Data Structures & Algorithms, Spring 2006. Teaching Assistant for Prof. Malik Magdon-Ismail.

## Talks & Panels

Panel Session on Nifty Assignments: Asteroids Assignment  
39nd ACM Technical Symposium on Computer Science Education (SIGCSE) 2008, Portland, OR.

## Industry

UBS Financial Inc., Quality Assurance, Internship. Summer 2005.

## Professional Activities

Reviewer for: *Epigenetic Robots 2010*, *Human-Robot Interaction 2009, 2010, 2011, 2012*  
Departmental Service: Graduate Teaching Liaison, 2009-10.

Last updated: February 14, 2012