

Andrea Hawksley

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EDUCATION	Massachusetts Institute of Technology Masters of Engineering in Computer Science	2007 – 2008 GPA: 4.7/5.0
	Massachusetts Institute of Technology Bachelor of Science in Computer Science Bachelor of Science in Brain and Cognitive Science	2003 – 2007 GPA: 4.4/5.0
WORK EXPERIENCE	Oracle Corporation Redwood Shores, CA Using Java, SQL, and XML to develop Sales Territory Management portion of Oracle Fusion Middleware. <ul style="list-style-type: none">• Developed the user-interface for the Territory Setup portion of the application• Maintained a seed database and worked on code for various aspects of database upload• Implemented automated testing for services and seed data	Software Applications Developer September 2008 – present
	Spoken Language Systems Group at MIT CSAIL Cambridge, MA Developed Chinese language learning games using speech recognition. Designed a system for online recording and annotation of non-Native Chinese Speech using Java, Javascript, and AJAX.	Graduate Researcher August 2007 – September 2008
	Oracle Corporation Burlington, MA Developed automated UI testing and proposed UI improvements for Oracle Warehouse Builder.	Software Development Intern June 2007 – August 2007
	MIT CSAIL Cambridge, MA Designed an algorithm to translate Chinese consonants written phonetically by English speakers to Pinyin and implemented it in Python.	Advanced Undergraduate Project February 2007 – May 2007
	Picower Institute at MIT Cambridge, MA Studied task switching behavior in primates. Developed visual stimuli and analysis procedures in MATLAB.	Undergraduate Research Assistant May 2005 – August 2006
PUBLICATIONS	Making Polygons by Simple Folds and One Straight Cut with Erik D. Demaine, Martin L. Demaine, Hiro Ito, Po-Ru Loh, Shelly Manber, and Omari Stephens <i>Abstracts from the China-Japan Joint Conference on Computational Geometry, Graphs and Applications</i> , (CGGA 2010), Dalian, China, November 36, 2010.	To appear, 2010
	An Online System for Entering and Annotating non-Native Mandarin Chinese Speech for Language Teaching Masters Thesis.	August 2008
	To Understand Amy: One Student's Path into Autism Research <i>Imagine Magazine</i> , 12(4).	March/April 2005
SKILLS	Java, MATLAB, SQL, Perl, L ^A T _E X, Python, Basic Web Development (HTML, CSS, some Javascript, AJAX). Linux, Microsoft Windows, Apple OS X.	
ACTIVITIES	Educational Studies Program, MIT and Stanford , Volunteer Teacher.	2003 – Present
	Harvard College Mathematics Review , Member of the Board of Reviewers.	2008
	OrigaMIT, the MIT Origami Club , President, publicity chair.	2004 – 2008
	MIT Synchronized Swimming Team	2006 – 2008