

Jacob Andreas

CONTACT INFORMATION	4071 Lerner Hall 2920 Broadway New York, NY, 10027-8337	(510) 387-8719 jda2129@columbia.edu http://jacobandreas.net
EDUCATION	Columbia University , <i>Bachelor of Science</i> Major: Computer Science (Artificial Intelligence track) Grade Point Average: 4.22 (major), 4.05 (overall)	2008–present (expected 2012)
AWARDS	C. Prescott Davis Scholar , Columbia University, 2008–2012 Robert C. Byrd Honors Scholarship , U.S. Department of Education, 2008–2012 Governor's All-State Academic Award , California Governor's Office, 2008 Eagle Scout , Boy Scouts of America, 2008 Grand Prize and Intel Prize for Computer Science , San Francisco Bay Area Science Fair, 2005	
PROFESSIONAL EXPERIENCE	Columbia Center for Computational Learning Systems , <i>Researcher</i> Investigated improvements to Arabic-to-English statistical machine translation using subject-verb reordering.	2010–present
	Columbia Underground Listing of Professor Ability , <i>Lead Developer</i> Developed, maintained and edited a popular professor- and course-review website at Columbia, featuring over 18,000 reviews. http://culpa.info	2009–present
	Lost Tribe Applications , <i>Founder and Developer</i> Co-founded an iPhone application development studio, and developed the database backend for <i>Synagogues</i> , a location-aware synagogue directory for the iPhone. http://losttribeapps.com	2009–present
	Microsoft Live Labs , <i>Software Development Engineer</i> Developed several Windows Phone 7 applications using Live Labs technologies. Explored navigation metaphors and data visualization schemes for small screens, and prototyped a distributed framework for cross-site communication between web services. Details subject to NDA.	2010
	Columbia Natural Language Processing Group , <i>Researcher</i> Developed a framework for human-assisted part-of-speech tagging of a LiveJournal corpus using Amazon's Mechanical Turk, and implemented a phrase-level opinion classifier for unstructured weblog text.	2009–2010
	Lawrence Berkeley National Laboratories , <i>Developer and Research Assistant</i> Completely rewrote the Particle Data Group's online publication management system, used to distribute scientific publications to thousands of institutions annually. Developed a natural language classifier for the Advanced Computing for Science group to identify socio-emotional content in chat logs collected from an LBNL astronomy project. Created several components (including a guided tour recording and playback system) for AMELIA, a 3-D educational tool and visualization environment for the ATLAS detector of the Large Hadron Collider at CERN. http://amelia.sourceforge.net	2007–2009
	Gamescrafters Research Group , <i>Researcher</i> Implemented a module to solve the game of Hex for the UC Berkeley abstract strategy game theory research group, and investigated the properties of various Hex rule variations. http://gamescrafters.berkeley.edu	2006–2007
PUBLICATIONS	"Corpus Creation for New Genres: A Crowdsourced Approach to PP Attachment." Mukund Jha, Jacob Andreas, Kapil Thadani, Sara Rosenthal and Kathleen McKeown. In proceedings of the NAACL Workshop on Creating Speech and Language Data with Mechanical Turk, June 6, 2010, Los Angeles, California. "Semi-Automated Annotation for Prepositional Phrase Attachment." Sara Rosenthal, William J. Lipovsky, Kathleen McKeown, Kapil Thadani and Jacob Andreas. In proceedings of the 7th International Conference on Language Resources and Computation (LREC), May 2010, Valletta, Malta.	
OPEN SOURCE	GNOME Do Wrote the first version of the Twitter plugin (now the core Microblogging plugin) and the del.icio.us plugin.	2008
COMMUNITY SERVICE	FIRST Robotics Team 395 , <i>Mentor</i> Taught Bronx public high school students to design and build a working robot for a national robotics competition.	2010–present