

# MICHELLE ALISON FULLWOOD

## PERSONAL INFORMATION

*email*                      [maf@mit.edu](mailto:maf@mit.edu)  
*website*                    [www.mit.edu/~maf/](http://www.mit.edu/~maf/)

## EDUCATION

*PhD program in  
Linguistics*                      2010–present              Massachusetts Institute of Technology  
Expected graduation 2015 · Current research: Bayesian inference of  
non-concatenative morphology  
  
*B.A. (Linguistics  
and Mathematics)*                      2000–2004              Cornell University  
Magna cum laude (Linguistics) · Magna cum laude (Mathematics)  
Study Abroad: Budapest Semesters in Mathematics, Fall 2003  
Thesis: *Inflected Infinitives in Hungarian: A Relational Grammar Analysis*  
Advisors: Prof. Wayne HARBERT & Prof. Carol ROSEN

## WORK EXPERIENCE

*Imperial  
Consulting  
(Boston)*                      2008–2010              Web Developer, IMPERIAL CONSULTING  
Developed Django-powered web applications for clients in education,  
biomedical and finance fields.  
  
*Centre for  
Strategic  
Infocomm  
Technologies  
(Singapore)*                      2008–2009              External Consultant, CSIT  
Advised client on issues pertaining to speech and natural language processing.  
  
2004–2007              R&D Engineer, later Consultant, CSIT  
Researched techniques and built engines for speech recognition, language and  
speaker identification, cross-language information retrieval and entity  
extraction. Managed projects to evaluate and acquire systems.  
  
*Palo Alto  
Research Center*                      Summer 2004              Intern, PARC  
Engineered a computational Lexical Functional Grammar to cover basic  
sentences of Modern Standard Arabic. Developed a root-and-pattern-based  
finite state morphological analyzer for Arabic words.

## PUBLICATIONS AND PRESENTATIONS

*Publications*                      Michelle A. Fullwood (to appear). Asymmetric correlations between English  
verb transitivity and stress. In *Proceedings of the 40th Annual Meeting of the  
Berkeley Linguistics Society*.  
  
Michelle A. Fullwood (2014). The perceptual dimensions of sonority-driven  
epenthesis. In *Supplemental Proceedings of the 2013 Meeting on Phonology*.  
  
Michelle A. Fullwood and Timothy J. O'Donnell (2013). Learning  
non-concatenative morphology. In *Proceedings of the Fourth Annual Workshop on  
Cognitive Modeling and Computational Linguistics (CMCL)*.  
  
Michelle A. Fullwood and Suyeon Yun (submitted). Urarina verbal morphology.  
  
*Conference  
Presentations*                      Feb 2014 · Berkeley Linguistics Society  
*Asymmetric correlations between English verb transitivity and stress*  
  
Nov 2013 · Phonology 2013 (UMass Amherst)  
*The perceptual dimensions of sonority-driven epenthesis (poster)*

*Workshop  
Presentations*

May 2013 · Manchester Phonology Meeting (MFM)  
*The perceptual dimensions of sonority-driven epenthesis*

Aug 2013 · Cognitive Modeling and Computational Linguistics Workshop (CMCL) at the Association of Computational Linguistics (ACL)  
*Learning non-concatenative morphology* (with Timothy O'Donnell)

Oct 2012 · Northeast Computational Phonology Workshop (NECPhon)  
*Learning non-concatenative morphological units via Bayesian inference*

TEACHING EXPERIENCE

Fall 2011 · 24.901 Introduction to Phonology · Teaching Assistant

Fall 2012 · 24.900 Introduction to Linguistics · Teaching Assistant

SKILLS

<i>Programming Languages</i>	Python, JavaScript, R, Perl, Matlab/Octave, Church (Lisp-based probabilistic programming language)
<i>Development</i>	Django, Flask, SQL, jQuery, Git, Mercurial
<i>Linguistics</i>	Praat, OTSoft, MaxEnt learner (Hayes & Wilson 2008), xfst
<i>Languages</i>	ENGLISH · Native
	FRENCH · Advanced (conversationally fluent)
	MANDARIN · Advanced (written and spoken)
	ARABIC · Intermediate (written MSA, spoken Levantine and Egyptian)
	JAPANESE · Elementary
	HUNGARIAN · Elementary
	LATIN · Elementary

OTHER INFORMATION

<i>Awards</i>	2011 · National Science Foundation Graduate Research Fellowship
	2004 · Merrill Scholar, Cornell University
	2004 · Achievement Award for Excellence in Intermediate Arabic, Cornell
	2003 · Dean's Scholar Summer Research Grant, Cornell University
	2003 · Achievement Award for Excellence in Elementary Arabic, Cornell
	2001 · College Scholar, Cornell University
	2000 · Public Service Commission Overseas Merit Scholarship
	2000 · Pauline and Irving Tanner Dean's Scholarship, Cornell University
	2000–2004 · Dean's List, Cornell University
<i>Service</i>	2013–2014 · Student Representative, MIT Linguistics
	2013 · Organising committee, Japanese/Korean Linguistics 23
	2011–2013 · <i>Whamit!</i> departmental newsletter editor
	2003–2004 · Undergraduate representative to the Cornell Library Board
<i>Other Activities</i>	2013–present · Volunteer instructor, PyLadies Boston
	2013–present · Founding member, language@MIT