

MICHELLE ALISON FULLWOOD

PERSONAL INFORMATION

email maf@mit.edu
website 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

2000–2004 Cornell University
*B.A. (Linguistics
and Mathematics)* *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.

2008–2009 External Consultant, CSIT
Advised client on issues pertaining to speech and natural language processing.

*Centre for
Strategic
Infocomm
Technologies
(Singapore)* 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

Spring 2014