

# MICHELLE ALISON FULLWOOD

## PERSONAL INFORMATION

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## EDUCATION

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

## WORK EXPERIENCE

<i>Imperial Consulting (Boston)</i>	<i>2008–2010</i> <b>Web Developer, IMPERIAL CONSULTING</b>
	Developed Django-powered web applications for clients in education, biomedical and finance fields.
<i>Centre for Strategic Infocomm Technologies (Singapore)</i>	<i>2008–2009</i> <b>External Consultant, CSIT</b>
	Advised client on issues pertaining to speech and natural language processing.
<i>Palo Alto Research Center</i>	<i>2004–2007</i> <b>R&amp;D Engineer, later Consultant, CSIT</b>
	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.
	<i>Summer 2004</i> <b>Intern, PARC</b>
	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

<i>Publications</i>	Michelle A. Fullwood and Suyeon Yun (under review). Urarina verbal morphology.
	Michelle A. Fullwood and Timothy J. O'Donnell (2013). Learning non-concatenative morphology. In <i>Proceedings of the Fourth Annual Workshop on Cognitive Modeling and Computational Linguistics (CMCL)</i> .
<i>Conference Presentations</i>	Aug 2013 · Cognitive Modeling and Computational Linguistics Workshop (CMCL), Association of Computational Linguistics (ACL) <i>Learning non-concatenative morphology</i> (with Timothy O'Donnell)

Workshop  
Presentations

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

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

Programming  
Languages

Python, Javascript, R, Perl, Matlab/Octave, Church (Lisp-based probabilistic programming language)

Development

Django, Flask, SQL, jQuery, Git, Mercurial

Linguistics

Praat, OTSoft, MaxEnt learner (Hayes & Wilson 2008), xfst

Languages

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

Awards

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

Service

2013–2014 · Student Representative, MIT Linguistics

2013 · Organising committee, Japanese/Korean Linguistics 23

2011–present · *Whamit!* newsletter editor

2003–2004 · Undergraduate representative to the Cornell Library Board

Other Activities

2013–present · Volunteer instructor, PyLadies Boston

2013–present · Founding member, language@MIT

Fall 2013