MICHELLE ALISON FULLWOOD

PERSONAL INFORMATION

email maf@mit.edu

EDUCATION

2010–present **Massachusetts Institute of Technology**

PhD program in Linguistics

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

2008–2010 **Web Developer, Imperial Consulting**

Imperial Consulting (Boston)

Developed Django-powered web applications for clients in education, biomedical and finance fields.

2008–2009 **External Consultant, CSIT**

Centre for Strategic Infocomm Technologies (Singapore)

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.

Summer 2004 **Intern, Parc**

Palo Alto Research Center

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 and Suyeon Yun (under review). Urarina verbal morphology.

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)*.

Conference Presentations

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

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

Workshop Presentations

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