MICHELLE ALISON FULLWOOD

PERSONAL INFORMATION

email maf@mit.edu

website www.mit.edu/∼maf/

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 (forthcoming). The perceptual dimensions of sonority-driven epenthesis. In *Supplemental Proceedings of Phonology 2013*.

Michelle A. Fullwood and Suyeon Yun (submitted). 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

Nov 2013 · Phonology 2013 (UMass Amherst)
The perceptual dimensions of sonority-driven epenthesis (poster)

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

Workshop Presentations

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

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