Ross E. Kirsling

CONTACT INFORMATION	*(available upon request)*	*Email:* rkirsling@gmail.com *Website:* rkirsling.github.com *LinkedIn:* linkedin.com/in/rkirsling

RESEARCH INTERESTS

Computational semantics and pragmatics
Natural language understanding

PROFESSIONAL EXPERIENCE

Sony Network Entertainment, Middleton, Wisconsin, USA

Software Engineer (initially Technical Analyst)　　　**May 2009 – present**

- Participated in development of the PlayStation Store web storefront application for desktop/mobile.
- Co-initiated transition of the PlayStation Store web storefront project from San Francisco to Madison.
- Created (in a team of two) the Podcast Directory webapp featured on Sony Xperia mobile devices as well as within Media Go media management software.
- Handled internal Japanese translation/correspondence on the Media Go team.
- Assisted in various facets of the Media Go project, from localization testing to website maintenance.

EDUCATION

University of Wisconsin-Madison, Madison, Wisconsin, USA

M.A., Linguistics　　　**September 2010 – December 2012**

- Prelim Paper: *Phrasal Restrictions on Noncontrastive Topic: The Case of Japanese*
- Advisor: Mürvet Enç
- Cumulative GPA: 3.9 / 4.0

B.A. *with Distinction*, Japanese　　　**September 2005 – May 2009**

- Certificate: Computer Sciences
- Study Abroad: Keio University, Tokyo, Japan ('07–'08)
- Cumulative GPA: 3.9 / 4.0

HONORS, AWARDS, CERTIFICATIONS

- Phi Beta Kappa, University of Wisconsin-Madison　　　May 2009
- Japanese Language Proficiency Test, Level 1 (highest)　　　December 2008
- Japanese Ministry of Education (MEXT) scholarship for study abroad at Keio University in Tokyo, Japan　　　September 2007 – July 2008
- Chicago-Osaka Sister Cities Special Award (for one-week homestay in Osaka, Japan), 20th Annual Japanese Language Speech Contest, Chicago, IL　　　March 2006

NATURAL LANGUAGES

English (native), Japanese (fluent), Mandarin Chinese (intermediate), Korean (reading), French (reading)

PROGRAMMING LANGUAGES

Traditional:	Python, Scala, Haskell, Java, C/C++
Web Development:	JavaScript, HTML, CSS
Typesetting:	LaTeX

PUBLICATIONS

In press. Applying formalized aboutness conditions to Japanese topic structures. *LSO Working Papers in Linguistics, Vol. 9*, University of Wisconsin-Madison.

MANUSCRIPTS

May 10, 2012. Probabilities without paradigm-shifting: Recognizing gradience in natural language syntax. University of Wisconsin-Madison.

Modal Logic Playground
a graphical semantic calculator for modal propositional logic

Live URL: rkirsling.github.com/modallogic
Language: JavaScript
Libraries used: D3, MathJax, Bootstrap, Underscore

RELEVANT
OPEN ONLINE
EDUCATION
PARTICIPATION

Discrete Optimization	*Pascal van Hentenryck*
(audited)	Coursera, 2014
Introduction to Databases	*Jennifer Widom*
(99%)	Stanford OpenEdX, 2014
Principles of Reactive Programming	*Martin Odersky, Erik Meijer, Roland Kuhn*
(100%)	Coursera, 2013
Functional Programming Principles in Scala	*Martin Odersky*
(100%)	Coursera, 2013
Introduction to Parallel Programming	*John Owens & David Luebke*
(highest distinction)	Udacity, 2013
Computational Neuroscience	*Rajesh P. N. Rao & Adrienne Fairhall*
(99%)	Coursera, 2013
Compilers	*Alex Aiken*
(audited)	Coursera, 2013
Probabilistic Graphical Models	*Daphne Koller*
(audited)	Coursera, 2012
Introduction to Theoretical Computer Science	*Sebastian Wernicke*
(highest distinction)	Udacity, 2012
Quantum Mechanics and Quantum Computation	*Umesh Vazirani*
(91%)	Coursera, 2012
Introduction to Logic	*Michael Genesereth*
(100%)	Coursera, 2012
Natural Language Processing	*Dan Jurafsky & Christopher Manning*
(91%)	Coursera, 2012
Machine Learning	*Andrew Ng*
(audited)	Coursera, 2011
Introduction to Artificial Intelligence	*Sebastian Thrun & Peter Norvig*
(91%)	pre-Udacity, 2011