

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 <i>Software Engineer (initially Technical Analyst)</i> May 2009 – present <ul style="list-style-type: none"> 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., <i>Linguistics</i> September 2010 – December 2012 <ul style="list-style-type: none"> Prelim Paper: <i>Phrasal Restrictions on Noncontrastive Topic: The Case of Japanese</i> Advisor: Mürvet Enç Cumulative GPA: 3.9 / 4.0 B.A. <i>with Distinction, Japanese</i> September 2005 – May 2009 <ul style="list-style-type: none"> Certificate: <i>Computer Sciences</i> Study Abroad: <i>Keio University</i>, Tokyo, Japan ('07–'08) Cumulative GPA: 3.9 / 4.0 	
HONORS, AWARDS, CERTIFICATIONS	<ul style="list-style-type: none"> <i>Phi Beta Kappa</i>, University of Wisconsin-Madison May 2009 <i>Japanese Language Proficiency Test</i>, Level 1 (highest) December 2008 Japanese Ministry of Education (MEXT) scholarship for study abroad at <i>Keio University</i> in Tokyo, Japan September 2007 – July 2008 Chicago-Osaka Sister Cities Special Award (for one-week homestay in Osaka, Japan), 20th Annual <i>Japanese Language Speech Contest</i>, 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: L ^A T _E X	
PUBLICATIONS	In press. Applying formalized aboutness conditions to Japanese topic structures. <i>LSO Working Papers in Linguistics</i> , Vol. 9, University of Wisconsin-Madison.	
MANUSCRIPTS	May 10, 2012. Probabilities without paradigm-shifting: Recognizing gradience in natural language syntax. University of Wisconsin-Madison.	

PORTFOLIO
PROJECTS

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

Programming Languages
(99%)

Dan Grossman
Coursera, 2014

Discrete Optimization
(audited)

Pascal van Hentenryck
Coursera, 2014

Introduction to Databases
(99%)

Jennifer Widom
Stanford OpenEdX, 2014

Principles of Reactive Programming
(100%)

Martin Odersky, Erik Meijer, Roland Kuhn
Coursera, 2013

Functional Programming Principles in Scala
(100%)

Martin Odersky
Coursera, 2013

Introduction to Parallel Programming
(highest distinction)

John Owens & David Luebke
Udacity, 2013

Computational Neuroscience
(99%)

Rajesh P. N. Rao & Adrienne Fairhall
Coursera, 2013

Compilers
(audited)

Alex Aiken
Coursera, 2013

Probabilistic Graphical Models
(audited)

Daphne Koller
Coursera, 2012

Introduction to Theoretical Computer Science
(highest distinction)

Sebastian Wernicke
Udacity, 2012

Quantum Mechanics and Quantum Computation
(91%)

Umesh Vazirani
Coursera, 2012

Introduction to Logic
(100%)

Michael Genesereth
Coursera, 2012

Natural Language Processing
(91%)

Dan Jurafsky & Christopher Manning
Coursera, 2012

Machine Learning
(audited)

Andrew Ng
Coursera, 2011

Introduction to Artificial Intelligence
(91%)

Sebastian Thrun & Peter Norvig
pre-Udacity, 2011