

Laurel Hart

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*Improving on data-driven computational linguistics through
knowledge of linguistics.*

Education

- 2013—2014 **Professional Masters of Science in Computational Linguistics**,
(expected) *University of Washington*, Seattle, WA.
- Focused on natural language processing, machine learning, and language modeling
 - Will also cover machine translation, information retrieval, and question answering
- 2009–2013 **Bachelor of Arts in Applied Linguistics**, *Portland State University*, Portland, OR.
- Minor in Computer Science
 - Honors College
 - Undergraduate thesis: “The Linguistics of Sentiment Analysis”

Experience

- Winter and Summer **Intern**, *BCL Technologies*, San Jose, CA.
- 2012
- Researched various topics, including:
 - information extraction
 - authorship attribution
 - semantic role labeling
 - Analyzed data for feature selection purposes;
 - Authored demonstration paper replicating previous work on Arabic semantic role labeling
 - Published in *Proceedings of COLING 2012* (see Publications)
- 2011–2013 **Library Technology Assistant**, *Portland State University*, Portland, OR.
- Provided support for staff and student technologies at the University’s Millar Library
 - Held Team Lead position March, 2013 — June, 2013
- 2010–2011 **Apprentice**, *Braindump*, *Portland State University*, Portland, OR.
- Performed IT services for the University’s Computer Science and Engineering department;
 - Attended weekly lectures on various topics pertaining to systems administration and general computer systems knowledge

Languages

English	French	Mandarin Chinese
Native language	5 years academic study	1 year academic study

Technical skills

Languages	Tools
Python, C++, Java, L ^A T _E X, bash	NLTK, Mallet, Vim

Publications

- 2012 Hart, Laurel, Hassan Alam and Aman Kumar, “Revisiting Arabic Semantic Role Labeling using SVM Kernel Methods” *Proceedings of COLING 2012*. December, 2012: 207—14.
<http://aclweb.org/anthology//C/C12/C12-3026.pdf>