Amandalynne Paullada

amandalynne.pw | (818) 585-9064 | amandalynne.p@gmail.com

EDUCATION

Ph.D. Computational Linguistics, *in progress*
University of Washington, Seattle, WA

M.A. Computational Linguistics, May 2015
Brandeis University, Waltham, MA

B.A. Linguistics, B.A. Economics, June 2012
University of California, Santa Cruz, CA

SKILLS

Programming	Python, Java *experience with* C++, SQL, Ruby, Lisp
Languages	English (native), Spanish (proficient), French (proficient), Russian (intermediate), Korean (intermediate)
Version Control	Git, Subversion
NLP & Machine Learning	Keras, NLTK, Praat, WEKA, SketchEngine

EXPERIENCE

Data Science Intern, Cambia Health Solutions, June 2017-September 2017
- Developed neural network classifier for clinical information extraction
- Added features and unit tests for insurance chatbot
- Refactored elements of chatbot codebase

Researcher, Smart Information Flow Technologies, June 2015-June 2016
- Built multimodal data processing pipeline for training and validating machine learning model of cognitive workload
- Implemented grammar rules for natural language text generation system
- Enriched parser with grammatical rules inferred from corpora using SketchEngine
- Collaborated on peer-reviewed research publications

Lexical Data Processing Intern, PanLex Project, Jun 2013-Aug 2013
- Interpreted multilingual language documentation to expand panlingual glossary
- Extracted word definitions from a variety of document types
- Formatted translation data with scripts and regular expressions for entry into database

COURSES

Data Structures & Algorithms in Java	Information Extraction
Automated Speech Recognition	Information Retrieval
Machine Learning Approaches to NLP	Database Management Systems

SELECTED PUBLICATIONS

Tatman, R., Stewart, L., **Paullada, A.**, & Spiro, E. "Non-lexical Features Encode Political Affiliation on Twitter", *Proceedings of the Second Workshop on NLP and Computational Social Science*, 2017

Ott, T., Wu, P., **Paullada, A.**, Mayer, D., Gottlieb, J., & Wall, P. "ATHENA – a zero-intrusion no contact method for workload detection using linguistics, keyboard dynamics, and computer vision", *International Conference on Human-Computer Interaction*, 2016

McDonald, D. D., Friedman, S. E., **Paullada, A.**, Bobrow, R., & Burstein, M. H. "Extending Biology Models with Deep NLP over Scientific Articles", *AAAI Workshop: Knowledge Extraction from Text*, 2016