

Amandalynne Paullada

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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. “ATHENAa 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