

# 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

**NLP & ML Tools** AllenNLP, PyTorch, NLTK, Praat

**Languages** English (native), Spanish (proficient), French (intermediate),  
Russian (intermediate), Korean (intermediate)

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EXPERIENCE**

**Research Intern, Semantic Scholar (AI2)**, Oct. 2018-Feb. 2019

- Implemented and trained neural network models for clinical trial information extraction
- Experimented with multi-task and transfer learning paradigms
- Curated labeled datasets and collected weakly supervised data for training and evaluation

**Data Science for Social Good Fellow, UW eScience**, June 2018-August 2018

- Collaborated with student fellows and SDOT project leads on Seattle Mobility Index
- Identified project stakeholders to inform development of a model of transportation access in Seattle neighborhoods
- Developed algorithms and data processing pipelines to power visualizations of transportation access patterns

**Data Science Intern, Cambia Health Solutions**, June 2017-September 2017

- Developed neural network classifier for clinical trial information extraction
- Evaluated models for clinical trial research synthesis on annotated data
- Added features and unit tests for insurance chatbot

**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

**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

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PAPERS**

**Paullada, A., Raji, I. D., Bender, E. M., Denton, E., & Hanna, A.** “Data and its (dis) contents: A survey of dataset development and use in machine learning research”, *NeurIPS 2020 Workshop on Machine Learning Retrospectives, Surveys, & Meta-Analyses*. **Best Paper Award**.