Amandalynne Paullada

🏠 amandalynne.pw   📞 (818) 585-9064   ✉ paullada@uw.edu

🎓 EDUCATION

Ph.D. Computational Linguistics, 2021
University of Washington, Seattle, WA

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

B.A. Linguistics, B.A. Economics, 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)

>_ SELECTED EXPERIENCE

Data Science Intern, LivePerson, Jun. 2021-Jan. 2022
- Curated anonymized consumer chat data to audit in-house models for sociolinguistic bias
- Designed experiments and analyzed model performance on regionally diverse chat data
- Prepared demographically-informed synthetic data to audit NLP models for bias

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

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

📑 SELECTED 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.**