

Amandalynne Paullada | Curriculum Vitae

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EDUCATION

Ph.D. in Computational Linguistics, University of Washington <i>Advisor:</i> Fei Xia	2016 – Present
M.A. in Computational Linguistics, Brandeis University	2013 – 2015
B.A. in Linguistics, University of California, Santa Cruz <i>Study abroad, full immersion:</i> Universitat de Barcelona – 2011	2008 – 2012
B.A. in Economics, University of California, Santa Cruz	2008 – 2012

PROFESSIONAL EXPERIENCE

Research Assistant, Biomedical Informatics and Medical Education University of Washington School of Medicine <i>PI:</i> Trevor Cohen	2019 – present
Research Intern, Semantic Scholar Allen Institute for Artificial Intelligence <i>Mentors:</i> Sergey Feldman, Kyle Lo	Fall 2018
Data Science for Social Good Student Fellow University of Washington eScience Institute <i>Team:</i> Seattle Mobility Index	Summer 2018
Data Science & NLP Intern Cambia Health Solutions, Seattle WA	Summer 2017
Researcher	2015 – 2016
Research Intern Smart Information Flow Technologies, Lexington MA	2014 – 2015
Lexical Data Processing Intern PANLEX Project, San Francisco CA	Summer 2013

PUBLICATIONS

Naomi Tachikawa Shapiro, **Amandalynne Paullada**, and Shane Steinert-Threlkeld. A multilabel approach to morphosyntactic probing. *arXiv preprint arXiv:2104.08464*, 2021.

Amandalynne Paullada, Inioluwa Deborah Raji, Emily M Bender, Emily Denton, and Alex Hanna. Data and its (dis) contents: A survey of dataset development and use in machine learning research. *Workshop on Machine Learning Retrospectives, Surveys & Meta-Analyses, NeurIPS*, 2020. **Best Paper Award Recipient**.

Amandalynne Paullada, Bethany Percha, and Trevor Cohen. Improving Biomedical Analogical Retrieval with Embedding of Structural Dependencies. In *Proceedings of the 19th SIGBioMed Workshop on Biomedical Language Processing*, pages 38–48. Association for Computational Linguistics, 2020.

Ian Kennedy, Christian Hess, **Amandalynne Paullada**, and Sarah Chasins. Racialized Discourse in Seattle Rental Ad Texts. *Social Forces*, 08 2020.

Rachael Tatman, Leo Stewart, **Amandalynne Paullada**, and Emma Spiro. Non-lexical Features Encode Political Affiliation on Twitter. In *Proceedings of the Second Workshop on NLP and Computational Social Science*, pages 63–67. Association for Computational Linguistics, 2017.

Rachael Tatman and **Amandalynne Paullada**. Social Identity and Punctuation Variation in the # BlueLivesMatter and # BlackLivesMatter Twitter Communities [poster]. In *33rd Northwest Linguistics Conference, Vancouver, British Columbia*, 2017.

David McDonald, Scott Friedman, **Amandalynne Paullada**, Rusty Bobrow, and Mark Burstein. Extending Biology Models with Deep NLP over Scientific Articles. In *AAAI-16 Workshop on Knowledge Extraction from Text*, 2016.

David McDonald, Scott Friedman, Mark Burstein, Alex Plotnick, **Amandalynne Paullada**, Rusty Bobrow, and Brent Cochran. Learning by Reading: Extending & Localizing Against a Model. In *Fourth Annual Conference on Advances in Cognitive Systems*, 2016.

Peggy Wu, Tammy Ott, **Amandalynne Paullada**, Derek Mayer, Jeremy Gottlieb, and Peter Wall. Cognitive Workload Assessment through Zero Intrusion Detection Methods. In *3rd International Conference on Safety Management and Human Factors*, 2016.

Peggy Wu, Tammy Ott, **Amandalynne Paullada**, Derek Mayer, Jeremy Gottlieb, and Peter Wall. ATHENA – a zero-intrusion no contact method for workload detection using linguistics, keyboard dynamics, and computer vision [poster]. In *18th International Conference on Human-Computer Interaction*, 2016. Best Poster Award.

INVITED TALKS

Using Datasets Wisely

Cisco UX & Metrics Reading Group

February 2021

Drift AI

January 2021

Rsqr AI

October 2020

Examining Data and Data Practices in Machine Learning

Guest Lecture, Computational Linguistics Graduate Seminar (LING 575)

January 2021

PRESENTATIONS

FATE concerns in NLP (Panelist)

MSR & MILA Workshop

April 2021

Digital Humanities Day (Panelist)

University of Washington

February 2021

Multi-label Element Extraction for Evidence Based Medicine

Second Widening NLP Workshop (talk)

June 2018

12th Women in Machine Learning Workshop (poster)

December 2017

Totes Adorbs: Identity Effects in Colloquial English Truncation

USC Undergraduate Linguistics Conference

October 2012

SERVICE

Workshop Co-chair

ACL Student Research Workshop @ ACL-IJCNLP 2021

Conference and Workshop Organizing

NWLC 2020, Virtual

AFLA 2017, University of Washington

WCCFL 2012, University of California, Santa Cruz

Mentorship

Surviving Graduate School Group Mentoring Session, ACL 2020

‘Should I do a PhD?’ Mentorship Panel, UW Computational Linguistics Lab (2021)
Graduate School in Linguistics Mentorship Panel, UW Linguistics Department (2021)
Outreaching Grads Program, University of Washington (2020–2021)

Conference Reviewer

FAccT 2021
ACL 2019, 2020 (secondary reviewer)
CoNLL 2019, 2020

Workshop Reviewer

NLP-OSS 2020
WiNLP 2019, 2020

Student Governance

Senator, UW Graduate and Professional Senate (2019–2020)
Secretary, Linguistic Society of UW (2017–2019)

TEACHING

Teaching Assistant, University of Washington

Introduction to Language and Society (LING 233)	Spring 2018
Statistical Approaches to Natural Language Processing (LING 572)	Winter 2018
Introduction to Linguistic Thought (LING 200)	Fall 2016 – Fall 2017

Teaching Assistant, Brandeis University

Critical Reading and Analytical Writing for ESL Students (ESL 1a)	Fall 2014
Analytical Writing for ESL Students (ESL 1a)	Summer 2014
Morphology (LING 115a)	Spring 2014
Syntactic Theory (LING 120)	Fall 2013

PUBLIC SPEAKING & TUTORIALS

Coding Best Practices

University of Washington Computational Linguistics Lab (Treehouse)	March 2021, Sept. 2018, February 2018
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Introduction to Praat Scripting

University of Washington Phonetics Lab	October 2017
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Introduction to IPython

Boston PyLadies Meetup Group	November 2015
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Introduction to NLTK

Boston Python User Group	October 2015
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Computing Linguistic Similarity with Python

Boston PyLadies Meetup Group	April 2015
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SKILLS

Programming

Languages: Python, Java

Version control: Git

NLP & Machine Learning

AllenNLP, PyTorch, NLTK

Languages

English (Native)

Spanish (Fluent)

French (Intermediate)

Russian (Intermediate)

Korean (Heritage speaker)

SCHOLARSHIPS

Travel Grant

Widening NLP Workshop, June 2018

Women in Machine Learning Workshop, December 2017

Diversity Scholarship

PyData Seattle, June 2017

PROFESSIONAL DEVELOPMENT

FAccT Doctoral Consortium (Virtual)

March 2021

Rising Stars in EECS, UC Berkeley (Virtual)

November 2020

Machine Learning Summer School (MLSS), Madrid, Spain

August 2018

Python Conference (PyCon)

Portland, OR

May 2017

Montréal, QC

April 2015

Montréal, QC

April 2014

VOLUNTEERING

Ravenna Pop-up Kitchen, Seattle WA

2018 – present

Green Seattle Day, Seattle WA

2017, 2019

Big Brothers Big Sisters of Massachusetts Bay, Boston MA

2015 – 2016

Harvard Square Homeless Shelter, Cambridge MA

2016