



<b>INDUSTRY</b>	<b>Sentropy Technologies</b>	
<b>EXPERIENCE</b>	<b>MACHINE LEARNING ENGINEERING INTERN</b>	SUMMER 2020
	Examined instances where offensive language (e.g., stereotypes or slurs) was called out by other users on Reddit. Designed a typology covering different call-out patterns, annotated data, and performed a comparative analysis across demographic-focused Reddit communities.	
	<b>Microsoft (Skype for Business Server)</b>	
	<b>SOFTWARE ENGINEER</b>	2012–2015
	Developer on the core conferencing team. Designed/implemented features improving data & routing reliability, scalability, service health monitoring, and performance testing. During on-call rotations, handled live site escalations in production and internal environments.	
	<b>Undergraduate internships</b>	
	<ul style="list-style-type: none"> <li>• <i>Microsoft</i> (Software Development Engineer Intern) <span style="float: right;">SUMMER 2011</span></li> <li>• <i>Yodle, Inc.</i> (Software Engineering Intern) <span style="float: right;">SUMMER 2010</span></li> <li>• <i>Tower Research Capital</i> (Infrastructure Intern) <span style="float: right;">SUMMER 2009</span></li> </ul>	
<b>SKILLS</b>	<b>Programming languages:</b> Bash, C, C++, HTML/CSS, JavaScript, LaTeX, Python, SQL <b>Computational libraries:</b> AllenNLP, HuggingFace, numpy/scipy, pandas, PyTorch, scikit-learn, spaCy <b>Visualization libraries:</b> D3, matplotlib, Observable, Vega/Vega-Lite <b>Software development tools:</b> GDB, Git (GitHub/GitLab), Jupyter	
<b>RESEARCH ADVISING</b>	<b>University of Washington</b>	
	<ul style="list-style-type: none"> <li>• Ethan Chau (B.S.; thesis: [5]) <span style="float: right;">2018–2020</span></li> <li>• Deric Pang (B.S./M.S.; thesis: [7]) <span style="float: right;">2018–2019</span></li> <li>• Amol Sharma (B.S.) <span style="float: right;">2019</span></li> </ul>	
<b>SERVICE AS PEER REVIEWER</b>	<b>Conferences</b>	
	<ul style="list-style-type: none"> <li>• Association for Computational Linguistics (ACL) <span style="float: right;">2019–2021</span></li> <li>• Empirical Methods for Natural Language Processing (EMNLP) <span style="float: right;">2019, 2021</span></li> <li>• International Conference for Computational Linguistics (COLING) <span style="float: right;">2018</span></li> </ul>	
	<b>Journals</b>	
	<ul style="list-style-type: none"> <li>• Journal of Artificial Intelligence Research (JAIR) <span style="float: right;">2019</span></li> </ul>	
	<b>Workshops</b>	
	<ul style="list-style-type: none"> <li>• Evaluation and Comparison of NLP Systems (Eval4NLP) <span style="float: right;">2020–2021</span></li> <li>• Natural Language Processing for Positive Impact (NLP4PI) <span style="float: right;">2021</span></li> <li>• Student Research Workshop (SRW@ACL, SRW@EACL) <span style="float: right;">2021</span></li> <li>• Widening NLP (WiNLP) <span style="float: right;">2019–2021</span></li> </ul>	
<b>TEACHING</b>	<b>University of Washington</b>	
	<b>TEACHING ASSISTANT</b>	
	<ul style="list-style-type: none"> <li>• CSE 481N (<i>Natural Language Processing Capstone</i>) <span style="float: right;">SPRING 2019</span></li> <li>• CSE 447 (<i>Natural Language Processing</i>) <span style="float: right;">WINTER 2019</span></li> </ul>	
	<b>Princeton University</b>	
	<b>LAB TEACHING ASSISTANT</b>	
	<ul style="list-style-type: none"> <li>• COS 109 (<i>Computers in Our World</i>) <span style="float: right;">2010–2011</span></li> <li>• COS 126/217/226 (introductory computer science sequence) <span style="float: right;">SPRING 2011</span></li> </ul>	

DEPT.	<b>University of Washington</b>	
ACTIVITIES	<ul style="list-style-type: none"> <li>• Reader, PhD admissions <span style="float: right;">2019–2021</span></li> <li>• Reader, Pre-Application Review Service <span style="float: right;">2020</span></li> <li>• Member, CSE Diversity Committee <span style="float: right;">2018–2020</span></li> <li>• Co-organizer, CSE Women’s Research Day <span style="float: right;">2017–2020</span></li> <li>• Mentor, first-year graduate students <span style="float: right;">2016–2017</span></li> <li>• Mentor, ACM-W undergraduate students <span style="float: right;">2015–2016</span></li> </ul>	
	<b>Princeton University</b>	
	<ul style="list-style-type: none"> <li>• Engineering Interactor (advising freshmen engineering students) <span style="float: right;">2010–2011</span></li> </ul>	
PAPERS	<b><u>ONGOING WORK</u></b>	
	[1] Semantic comparisons and applications <ul style="list-style-type: none"> <li>. PHD THESIS</li> </ul>	
	[2] Modeling semantic differences between claims made in health & medical news and their sources <ul style="list-style-type: none"> <li>. WORK IN PROGRESS</li> </ul>	
	[3] The partisan dimensions of religious rhetoric: Merging qualitative and natural language processing approaches to measure Congressional behavior <ul style="list-style-type: none"> <li>. SARAH K. DREIER, LUCY H. LIN, SOFIA SERRANO, EMILY K. GADE, NOAH A. SMITH</li> <li>. MANUSCRIPT IN PREPARATION</li> <li>. POSTER AT TEXT AS DATA (2018) . TALK AT UW CSE COLLOQUIUM (2019)</li> </ul>	
	<b><u>COMPLETED WORK</u></b>	
	[4] Gender demographics of invited seminar speakers reflect gender disparities of faculty hosts <ul style="list-style-type: none"> <li>. RACHEL A. HUTTO, LISA VOELKER, JACOB J. O’CONNOR, LUCY H. LIN, NATALIA MESA, CLAIRE RUSCH</li> <li>. IN SUBMISSION</li> </ul>	2021
	[5] Parsing with multilingual BERT, a small corpus, and a small treebank <a href="#"></a> <ul style="list-style-type: none"> <li>. ETHAN C. CHAU, LUCY H. LIN, NOAH A. SMITH</li> <li>. IN FINDINGS OF EMNLP</li> <li>. TALK AT THE 2020 WORKSHOP ON COMPUTATIONAL RESEARCH IN LINGUISTIC TYPOLOGY (SIGTYP)</li> </ul>	2020
	[6] Situating sentence embedders with nearest neighbor overlap <a href="#"></a> <ul style="list-style-type: none"> <li>. LUCY H. LIN, NOAH A. SMITH</li> <li>. TALK AT TEXT AS DATA (2019)</li> </ul>	2019
	[7] Improving natural language inference with a pretrained parser <a href="#"></a> <ul style="list-style-type: none"> <li>. DERIC PANG, LUCY H. LIN, NOAH A. SMITH</li> </ul>	2019
	[8] Natural language processing for analyzing disaster recovery trends expressed in large text corpora <a href="#"></a> <ul style="list-style-type: none"> <li>. LUCY H. LIN, SCOTT B. MILES, NOAH A. SMITH</li> <li>. IN PROCEEDINGS OF THE IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (IEEE GHTC)</li> <li>. TALK AT IEEE GHTC (2018)</li> </ul>	2018
	[9] Semantic matching against a corpus: New applications and methods <a href="#"></a> <ul style="list-style-type: none"> <li>. LUCY H. LIN, SCOTT B. MILES, NOAH A. SMITH</li> <li>. TALK AT THE 2018 PACIFIC NORTHWEST NLP WORKSHOP (NW-NLP)</li> </ul>	2018
	[10] PolitiFact language audit <a href="#"></a> <ul style="list-style-type: none"> <li>. DALLAS CARD, LUCY H. LIN, NOAH A. SMITH</li> <li>. TECHNICAL REPORT</li> </ul>	2018