

Mina Lee

minalee@cs.stanford.edu

<https://minalee.info>

EDUCATION

Stanford University

Ph.D. Candidate in Computer Science

Stanford, CA, USA

Sept. 2017 - Present

Korea University

Bachelor of Science in Computer Science and Engineering

Seoul, Republic of Korea

Mar. 2012 - Aug. 2016

University of British Columbia

Exchange Student in Computer Science

Vancouver, BC, Canada

Sept. 2014 - Apr. 2015

RESEARCH INTERESTS

AI-Assisted Writing, Natural Language Processing, and Human-Computer Interaction

My research goal is to enhance **productivity** and **creativity** in the **writing process** by leveraging Natural Language Processing techniques. From helping users type sentences faster to inspiring writers to come up with something creative, I am interested in the interaction between humans and machines and how technology can aid humans to be better writers.

PUBLICATIONS

Tianyi Zhang, [Mina Lee](#), Lisa Li, Ende Shen, and Tatsunori Hashimoto. “[TempLM: Distilling Language Models into Template-Based Generators.](#)” arXiv, 2022.

[Mina Lee](#), Percy Liang, and Qian Yang. “[CoAuthor: Designing a Human-AI Collaborative Writing Dataset for Exploring Language Model Capabilities.](#)” Conference on Human Factors in Computing Systems (CHI), 2022. *Honorable Mention Award*

Rishi Bommasani, Drew A. Hudson, Ehsan Adeli, Russ Altman, Simran Arora, Sydney von Arx, Michael S. Bernstein, Jeannette Bohg, Antoine Bosselut, Emma Brunskill, Erik Brynjolfsson, Shyamal Buch, Dallas Card, Rodrigo Castellon, Niladri Chatterji, Annie Chen, Kathleen Creel, Jared Quincy Davis, Dora Demszky, Chris Donahue, Moussa Doumbouya, Esin Durmus, Stefano Ermon, John Etchemendy, Kawin Ethayarajh, Li Fei-Fei, Chelsea Finn, Trevor Gale, Lauren Gillespie, Karan Goel, Noah Goodman, Shelby Grossman, Neel Guha, Tatsunori Hashimoto, Peter Henderson, John Hewitt, Daniel E. Ho, Jenny Hong, Kyle Hsu, Jing Huang, Thomas Icard, Saahil Jain, Dan Jurafsky, Pratyusha Kalluri, Siddharth Karamcheti, Geoff Keeling, Fereshte Khani, Omar Khattab, Pang Wei Kohd, Mark Krass, Ranjay Krishna, Rohith Kuditipudi, Ananya Kumar, Faisal Ladhak, [Mina Lee](#), Tony Lee, Jure Leskovec, Isabelle Levent, Xiang Lisa Li, Xuechen Li, Tengyu Ma, Ali Malik, Christopher D. Manning, Suvir Mirchandani, Eric Mitchell, Zanele Munyikwa, Suraj Nair, Avanika Narayan, Deepak Narayanan, Ben Newman, Allen Nie, Juan Carlos Niebles, Hamed Nilforoshan, Julian Nyarko, Giray Ogut, Laurel Orr, Isabel Papadimitriou, Joon Sung Park, Chris Piech, Eva Portelance, Christopher Potts, Aditi Raghunathan, Rob Reich, Hongyu Ren, Frieda Rong, Yusuf Roohani, Camilo Ruiz, Jack Ryan, Christopher R, Dorsa Sadigh, Shiori Sagawa, Keshav Santhanam, Andy Shih, Krishnan Srinivasan, Alex Tamkin, Rohan Taori, Armin W. Thomas, Florian Tramr, Rose E. Wang, William Wang, Bohan Wu, Jiajun Wu, Yuhuai Wu, Sang Michael Xie, Michihiro Yasunaga, Jiaxuan You, Matei Zaharia, Michael Zhang, Tianyi Zhang, Xikun Zhang, Yuhui Zhang, Lucia Zheng, Kaitlyn Zhou, and Percy Liang. “[On the Opportunities and Risks of Foundation Models.](#)” arXiv, 2021.

[Mina Lee](#), Chris Donahue, Robin Jia, Alexander Iyabor, and Percy Liang. “[Swords: A Benchmark for Lexical Substitution with Improved Data Coverage and Quality.](#)” North American Chapter of the Association for Computational Linguistics (NAACL), 2021.

Chris Donahue, [Mina Lee](#), and Percy Liang. “Enabling Language Models to Fill in the Blanks.” Association for Computational Linguistics (ACL), 2020.

[Mina Lee](#), Tatsunori Hashimoto, and Percy Liang. “Learning Autocomplete Systems as a Communication Game.” Neural Information Processing Systems (NeurIPS) Workshop on Emergent Communication, 2019. *Selected for Contributed Talk*

Sumith Kulal, Panupong Pasupat, Kartik Chandra, [Mina Lee](#), Oded Padon, Alex Aiken, and Percy Liang. “SPoC: Search-based Pseudocode to Code.” Neural Information Processing Systems (NeurIPS), 2018.

[Mina Lee](#), Sunbeom So, and Hakjoo Oh. “Synthesizing Regular Expressions from Examples for Introductory Automata Assignments.” International Conference on Generative Programming: Concepts and Experiences (GPCE), 2016. *Best Paper Award*

TEACHING EXPERIENCE	Foundations of Computer Programming (CS49) Preparing Future Professors Fellow at Foothill College	Los Altos Hills, CA, USA Jan. 2022 - Mar. 2022
	Natural Language Processing with Deep Learning (CS224N) Course Assistant at Stanford University	Stanford, CA, USA Jan. 2020 - Mar. 2020
	Basics of Computer Systems (CPSC 261) Teaching Assistant at University of British Columbia	Vancouver, BC, Canada Jan. 2015 - Apr. 2015
MENTORING EXPERIENCE	CS224N Project Mentoring, <i>Stanford University</i>	2020, 2021
	CS Summer Undergraduate Research Program (CURIS), <i>Stanford University</i>	2020
	Stanford AI Lab (SAIL) Undergraduate Mentoring Program, <i>Stanford University</i>	2019, 2020
WORKSHOP	Intelligent and Interactive Writing Assistants (In2Writing) Founding Member and Organizer (ACL 2022)	
	CtrlGen: Controllable Generative Modeling in Language and Vision (CtrlGen) Program Committee (NeurIPS 2021)	
INTERNSHIP	Facebook Software Engineer Intern	Menlo Park, CA, USA Jun. 2018 - Sept. 2018
HONORS & AWARDS	Honorable Mention Award, <i>Conference on Human Factors in Computing Systems (CHI)</i>	2022
	Contributed Talk, <i>NeurIPS 2019 Workshop on Emergent Communication</i>	2019
	Doctoral Study Abroad Scholarship, <i>Korea Foundation for Advanced Studies</i>	2017
	School of Engineering Graduate Fellowship, <i>Stanford University</i>	2017
	Best Paper Award, <i>Generative Programming: Concepts and Experiences (GPCE)</i>	2016
	National Science and Engineering Scholarship, <i>Korea Student Aid Foundation</i>	2015, 2016
	Gold Prize in Graduation Project Competition, <i>Korea University</i>	2016
	Semester High Honors, <i>Korea University</i>	2012, 2013, 2015, 2016
	Dean’s List, <i>Korea University</i>	2015
	Honors Scholarships, <i>Korea University</i>	2013
Collegiate Honors, <i>Korea University</i>	2013	
Best Honors Scholarships, <i>Korea University</i>	2012	
Academic Excellence Scholarship for Freshmen, <i>Korea University</i>	2012	

Last Updated: July 23, 2022