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- Education**
- University of California, Berkeley** Aug 2019 – May 2025 (Expected)
Ph.D. Student, EECS Department
Advisor: Dan Klein
- Brown University** Aug 2015 – May 2019
B.A. Mathematics and Linguistics
Advisor: Ellie Pavlick
- Papers**
- Decision-Oriented Dialogue for Human–AI Interaction**
Jessy Lin*, **Nicholas Tomlin***, Jacob Andreas, Jason Eisner
arXiv Preprint. 2023.
- Ghostbuster: Detecting Text Ghostwritten by Large Language Models**
Vivek Verma, Eve Fleisig, **Nicholas Tomlin**, Dan Klein
arXiv Preprint. 2023.
- Revisiting Entropy Rate Constancy in Text**
Vivek Verma*, **Nicholas Tomlin***, Dan Klein
Findings of EMNLP. 2023.
- Pragmatics in Grounded Language Learning (Survey Paper)**
Daniel Fried*, **Nicholas Tomlin***, Jennifer Hu, Roma Patel, Aida Nematzadeh
Findings of EMNLP. 2023.
- Neural Unsupervised Reconstruction of Protolanguage Word Forms**
Andre He, **Nicholas Tomlin**, Dan Klein
Association for Computational Linguistics. 2023.
- Understanding Game-Playing Agents with Natural Language Annotations**
Nicholas Tomlin, Andre He, Dan Klein
Association for Computational Linguistics. 2022.
- Automated Crossword Solving**
Eric Wallace*, **Nicholas Tomlin***, Albert Xu*, Kevin Yang*, Eshaan Pathak*, Matthew L. Ginsberg, and Dan Klein
Association for Computational Linguistics. 2022.
- LingView: A Web Interface for Viewing FLEx and ELAN Files**
Kalinda Pride*, **Nicholas Tomlin***, Scott Anderbois
Language Documentation and Conservation. 2020.
- Emergent Compositionality in Signaling Games**
Nicholas Tomlin, Ellie Pavlick
Annual Meeting of the Cognitive Science Society. 2019.
- Incremental Pragmatics and Emergent Communication**
Nicholas Tomlin, Ellie Pavlick
NeurIPS Workshop on Emergent Communication. 2018.

Work	Microsoft Semantic Machines Visiting Researcher <i>Hosts: Jacob Andreas and Jason Eisner</i>	Aug 2022 – Ongoing
	Stanford University Research Intern, CSLI REU <i>Advisor: Christopher Potts</i>	May 2018 – Aug 2018
Teaching	Berkeley CS188: Introduction to Artificial Intelligence Co-instructor for course with 178 students. Managed a staff of 15 (u)GSIs, readers, and tutors. Responsibilities included designing and giving lectures, managing homework and project releases, organizing exams, and holding instructor office hours.	Summer 2023
	Berkeley CS288: Natural Language Processing Head teaching assistant for a course with 106 students. Responsibilities included creating three new programming assignments, holding office hours, and guest lecturing.	Spring 2022
	Brown CSCI1570: Design and Analysis of Algorithms Teaching assistant for a course of 164 students. Responsibilities included writing and grading problem sets, holding office hours, proctoring written and oral exams, teaching recitation sections, and writing and grading the midterm and final exams.	Fall 2018
	Brown LING0030: Introduction to Linguistic Theory Teaching assistant for a course of 78 students. Responsibilities included grading problem sets and exams, holding office hours, and offering exam review lectures.	Fall 2018
	Brown MATH1530: Abstract Algebra Head teaching assistant for a course of 62 students. Responsibilities included grading homeworks, managing graders, holding office hours, and teaching recitation sections.	Fall 2017
	Brown MATH1040: Fundamental Problems of Geometry Grader for an undergraduate course in point-set topology and non-Euclidean geometry. Responsibilities included grading weekly problem sets and midterm exams.	Spring 2017
Invited Talks	Language Agents as Rational Agents USC Natural Language Processing Seminar	Oct 2023
	Decision-Oriented Dialogue for Human–AI Collaboration Berkeley Multi-Agent Learning Seminar	Sep 2023
	Language Generation, Grounding, and Pragmatics in Game-Playing Domains DeepMind Multi-Agent Learning Group Brown University Computer Science Department	Mar 2023 Oct 2021
Guest Lectures	Berkeley CS288: Philosophy of Evaluation and Data. Panelist.	Fall 2023
	Berkeley CS288: The Future of Natural Language Processing. Panelist.	Spring 2023
	Berkeley CS288: The Future of Natural Language Processing. Panelist.	Spring 2022
	Berkeley CS288: Pragmatics and Language Grounding.	Spring 2022
	Berkeley CS288: Pragmatics and Language Grounding.	Spring 2021

Department Service	Berkeley Equal Access for Application Assistance	2023
	Volunteer reviewer to provide feedback on PhD application materials to students from under-represented backgrounds.	
	Berkeley Student Committee for Faculty Hiring	2022-2023
	Attended and organized student interviews for EECS faculty candidates.	
	Berkeley PhD EECS Admissions	2019-2022
Reviewed applications to Berkeley EECS for the Berkeley NLP Group.		
	Berkeley AI4ALL	2019-2022
Co-instructor for one week-long AI program for high school students from underrepresented backgrounds. Designed and taught NLP course materials for three years in a row.		
	Berkeley EECS Mentoring	2019-2022
Mentor with the Berkeley AI Research Undergraduate Mentoring Program, EECS Buddy, and EECS Peers programs. Held weekly peer mentoring office hours.		
Advising	Jonathan Yue. Undergraduate.	2023 – Ongoing
	Vivek Verma. Undergraduate.	2022 – Ongoing
	Andre He. Undergraduate.	2021 – Ongoing
	Xinyun (Lily) Zhang. MS Computer Science. (→ Waymo)	2020 – 2021
Miscellany	Awards National Science Foundation Graduate Student Research Fellowship (GRFP), Brown University Undergraduate Teaching and Research Award	
	Reviewing NeurIPS (Outstanding Reviewer), ICML, ICLR, ACL Rolling Review, EMNLP, Workshop on Visually Grounded Interaction and Language (ViGIL), Workshop on Emergent Communication (EmeCom), ACL Student Research Workshop (ACL-SRW)	