

Stephanie Ting Wang

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Research Interests Algorithm Auditing, Human-Computer Interaction, Bias and Fairness, Applied Machine Learning

Education **University of Pennsylvania**, Philadelphia, PA
PhD, Computer and Information Science | Advisor: Danaë Metaxa
Coursework: Human-Computer Interaction, Critical Perspectives on Online Trust and Safety, Contemporary Sociological Theory.

Stanford University, Stanford, CA 2017-2019
Master of Science, Computer Science

Stanford University, Stanford, CA 2013-2017
Bachelor of Science, Symbolic Systems
Coursework: Artificial Intelligence, Machine Learning, From Languages to Information, Convex Optimization, Mining Massive Datasets, Web Applications.
Activities: Varsity Women's Saber Fencing, Bing Overseas Study Program at Oxford (F 2016).

Research Experience **PennHCI** 2023-Present
University of Pennsylvania
Research projects related to social media + algorithm auditing.

Stanford AI Lab 2017-2019
Stanford University
Worked in Prof. Chris Ré's group on a number of machine learning + systems projects.

Publications **Stephanie Wang**, Renee Wurth, and Danaë Metaxa. *Auditing Race and Gender Discrimination in Food and Wellbeing Digital Advertisements*. Working paper.

Stephanie Wang[†], Shengchun Huang[†], Alvin Zhou, and Danaë Metaxa. *Lower Quantity, Higher Quality: Auditing News Content and User Perceptions on Twitter/X's Algorithmic versus Chronological Timelines*. Computer Supported Cooperative Work (CSCW), 2024.

B. Hancock, P. Varma, **S. Wang**, M. Bringmann, P. Liang, and C. Ré. *Training Classifiers with Natural Language Explanations*. Association for Computational Linguistics (ACL), 2018.

Conference Presentations "Lower Quantity, Higher Quality: Auditing News Content and User Perceptions on Twitter/X's Algorithmic versus Chronological Timelines".
Stephanie Wang, Shengchun Huang, Alvin Zhou and Danaë Metaxa.

- International Conference on Computational Social Science (IC2S2). Philadelphia, PA. July 17-20, 2024.
- Northeast HCI Meeting. Pittsburgh, PA. May 8-10, 2024.

Grants & Awards AWS AI ASSET Fellow, *Full support for 1 year of study*. 2024-2025
Penn Engineering Manjushri Fellowship, \$3,000 2023

Teaching	University of Pennsylvania , Philadelphia, PA	
	<i>CIS4120 Introduction to HCI</i> , Head TA, Prof. Andrew Head	Sp 2024
	Stanford University , Stanford, CA	
	<i>CS228 Probabilistic Graphical Models</i> , TA, Prof. Stefano Ermon	W 2019
	<i>CS228 Probabilistic Graphical Models</i> , TA, Prof. Stefano Ermon	W 2018
	<i>CS224U Natural Language Understanding</i> , TA, Prof. Chris Potts	Sp 2018
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Professional Experience	Software Engineer	2020-2022
	Apple Inc. - AI/ML	Cupertino, CA
	Worked on Siri, recommendations and search.	
	Member of Technical Staff	2019-2020
	Sisu Data	San Francisco, CA
	Academic spin-off data analytics startup, early engineering hire.	
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Languages	Human: English, Mandarin, French. Computer: Python, R, HTML, CSS, JavaScript, Java, C++, SQL, \LaTeX .	