

# Stephanie Ting Wang

stephtw@seas.upenn.edu | [steph-w.github.io](https://steph-w.github.io)

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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.

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**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.

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

**Stephanie Wang**<sup>†</sup>, Shengchun Huang<sup>†</sup>, 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.

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

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