

# STEPHANIE T WANG

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## RESEARCH INTERESTS

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Algorithm Audits, Causal Inference, Human–AI Interaction, Social Computing.

## EDUCATION

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<b>University of Pennsylvania</b> Ph.D., Computer and Information Science <i>Advisor: Danaé Metaxa</i>	<i>Philadelphia, PA</i> Jan 2023 - Present
<b>Stanford University</b> M.S., Computer Science B.S., Symbolic Systems	<i>Stanford, CA</i> Aug 2017 - Apr 2019 Aug 2013 - May 2017

## PUBLICATIONS

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### Under Review

- **Stephanie Wang**, Princess Sampson, Mialy Rasetarinera, Danaé Metaxa. **Admix: Designing for End-User Agency and Collective Action in Targeted Advertising**. *Revised and Resubmit CHI* 2026

### Refereed Conference Publications

- [c.2] **Stephanie Wang\***, Shengchun Huang\*, Alvin Zhou, Danaé Metaxa. **Lower Quantity, Higher Quality: Auditing News Content and User Perceptions on Twitter/X’s Algorithmic versus Chronological Timelines**. *Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*. 2024  
<https://dl.acm.org/doi/abs/10.1145/3687046>  
*Presented at: IC2S2 2024*
- [c.1] Braden Hancock, Paroma Varma, **Stephanie Wang**, Martin Bringmann, Percy Liang, and Chris Ré. **Training Classifiers with Natural Language Explanations**. *Proceedings of Association for Computational Linguistics (ACL)*. 2018  
<https://aclanthology.org/P18-1175.pdf>

### Refereed Workshop Papers

- [w.2] **Stephanie Wang\***, Jeffrey Gleason\*, Danaé Metaxa, Yakov Bart, Christo Wilson. **A Sociotechnical Audit of Generative AI Features in Google Search**. *NeurIPS Workshop on Evaluating AI in Practice*. 2025
- [w.1] Jason Greenfield, **Stephanie Wang**, Danaé Metaxa. **User-Centered Analysis of Political Content on TikTok**. *CHI News Futures Workshop*. 2025

## AWARDS

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- Penn Engineering Outstanding Service Award 2025
- Amazon Web Services (AWS) AI ASSET Fellow, \$70,000 2024

· Penn Engineering Manjushri Fellow, \$3000

2023

## TEACHING

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- UPenn CIS 512 (Intro to Human-Computer Interaction), Head TA Sp 2024
- Stanford CS 228 (Probabilistic Graphical Models), TA Wi 2018, Wi 2019
- Stanford CS 224U (Natural Language Understanding), TA Sp 2018

## SERVICE

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### Departmental Service at UPenn

- School of Engineering Dean's Advisory Board, Representative 2024 – Present
- CIS PhD Mentorship Program, Organizer 2024

### Reviewing

- CSCW (Reviewer '25), UIST (Reviewer '25), IC2S2 (Reviewer '25), CHI (Reviewer '26)

## INDUSTRY POSITIONS

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### Apple

*Cupertino, CA*

Software Engineer, AI/ML

Jun 2020 - Oct 2022

Worked on infrastructure supporting Siri, search and recommendations. Built and scaled search infrastructure that store, index and search data while protecting user privacy and security. Led development, testing and deployment of real-time search indexing that serves live data to user-facing domains such as Apple News, Weather, Sports. Volunteered in an organization-wide initiative to conduct candidate interviews with an emphasis on promoting inclusivity and diversity.

### Sisu Data

*San Francisco, CA*

Member of Technical Staff, Platform Engineering

May 2019 - May 2020

Worked closely with product managers and product designers as an early engineering hire to launch core features of the data analytics platform. Implemented an user-interface allowing customers to examine individual factors affecting their KPIs. Optimized run-time and improved the scalability of the core, in-house statistical data mining algorithm. Shaped the candidate interview process, conducted interviews and mentored new engineers.