

Stephanie T. Wang

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Education

2023 – Present	University of Pennsylvania , Philadelphia, PA PhD in Computer Science, Human-Computer Interaction group Advisor: Danaé Metaxa.
2019	Stanford University , Stanford, CA MS in Computer Science, Artificial Intelligence track
2017	Stanford University , Stanford, CA BS in Symbolic Systems, Artificial Intelligence track
Fall 2016	Oxford University , Oxford, UK Bing Overseas Studies Program

Publications

† Indicates equal contribution.

Working Papers

- [5] ADMIX: Designing for End-User Agency and Collective Action in Targeted Advertising
Stephanie Wang, Princess Sampson, Mialy Rasetarinera, Danaé Metaxa.
Under review.
- [4] What’s Political on TikTok? Investigating Perceptions, Prevalence, and Predictors of User Exposure to Political Content on TikTok
Jason Greenfield, **Stephanie Wang**, Samuel Jung, Sanjana Gautam, Kevin Yang, Danaé Metaxa.
Under review.
- [3] Measuring Individuals’ News Exposure and Engagement in Information Ecosystems
Shengchun Huang, **Stephanie Wang**, Alvin Zhou and Danaé Metaxa.
In preparation for submission.

Refereed Conference Publications

- [2] 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 Danaé Metaxa.
Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW’24). [[Paper](#)]

- [1] Training Classifiers with Natural Language Explanations
Braden Hancock, Paroma Varma, **Stephanie Wang**, Martin Bringmann, Percy Liang, and Chris Ré.
Proceedings of Association for Computational Linguistics (ACL'18). [\[Paper\]](#)

Conference Presentations

- 2025 Passive News Exposure and Active News Engagement in All-web Information Ecosystems.
Shengchun Huang, **Stephanie Wang**, Alvin Zhou, Danaé Metaxa.
International Conference on Computational Social Science (IC2S2). Norrköping, Sweden. July 21.
- 2025 Perceiving Politics on TikTok: A User-Centered Approach to Understanding Political Content on TikTok. Jason Greenfield, **Stephanie Wang**, Danaé Metaxa.
News Futures Workshop, The ACM CHI conference on Human Factors in Computing Systems (CHI'25). Yokohama, Japan. April 26.
- 2024 Lower Quantity, Higher Quality: Perceptions and Impact of Algorithmic News Curation on Twitter/X. **Stephanie Wang**, Shengchun Huang, Alvin Zhou, Danaé Metaxa.
International Conference on Computational Social Science (IC2S2). Philadelphia, PA. July 17.
Northeast HCI Meeting. Pittsburgh, PA. May.

Honors and awards

- 2025 **Penn Engineering Outstanding Service Award**
- 2024 **Amazon Web Services (AWS) AI ASSET Fellow**
Awarded \$70,000 in support of one year of graduate study.
- 2023 **Penn Engineering Manjushri Fellow**
Awarded \$3,000 to select number of incoming PhD students.

Teaching

- Spring 2024 **Head Teaching assistant, CIS 512: Intro to Human-Computer Interaction**
Taught by Andrew Head, University of Pennsylvania, Philadelphia, PA
- Winter 2018, **Teaching assistant, CS 228: Probabilistic Graphical Models**
2019 Taught by Stefano Ermon, Stanford University, Stanford, CA
- Spring 2018 **Teaching assistant, CS 224U: Natural Language Understanding**
Taught by Chris Potts, Stanford University, Stanford, CA

Professional Activities and Service

Departmental Service at University of Pennsylvania

- 2024 – Present Organizer, CIS PhD Mentorship Program
- 2024 – Present Representative, School of Engineering and Applied Science Diversity Advisory Board

Reviewing

- 2025 CSCW, UIST, IC2S2

Industry experience

2020 - 2022

Apple, Cupertino

Software Engineer – AI/ML

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.

2019-2020

Sisu Data, San Francisco

Member of Technical Staff – Platform Engineering

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.

Skills

Programming

Python, R, JavaScript, SQL, Java, C, C++, HTML/CSS

Pytorch, Tensorflow, Pandas, scikit-learn

Software

LaTeX, Git, Jupyter Notebook, RStudio

Languages

English (native), Chinese Mandarin (advanced), French (intermediate)