

# Stephanie T. Wang

PhD Student, Computer and Information Science  
University of Pennsylvania

stephtw@seas.upenn.edu

[steph-w.github.io](https://steph-w.github.io)

107 Towne Building, Room 299, Philadelphia, PA 19104

## Education

- 2023 – Present     **University of Pennsylvania**, Philadelphia, PA  
                         **PhD in Computer Science, Human-Computer Interaction group**  
                         Advisor: Danaë 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

- [6]     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, Danaë Metaxa.  
                         Revision.
- [5]     Measuring Individuals' News Exposure and Engagement in Information Ecosystems  
                         Shengchun Huang, **Stephanie Wang**, Alvin Zhou and Danaë Metaxa.  
                         In progress.
- [4]     Auditing Race and Gender Biases in Health and Well-being Online Advertisements  
                         **Stephanie Wang**, Renee Wurth, Lena Armstrong, Danaë Metaxa.  
                         Under review.

### Refereed Conference Publications

- [3]     Lower Quantity, Higher Quality: Auditing News Content and User Perceptions on Twitter/X's Algorithmic versus Chronological Timelines  
                         **Stephanie Wang**<sup>†</sup>, Shengchun Huang<sup>†</sup>, Alvin Zhou and Danaë Metaxa.  
                         Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'24). [[Paper](#)]

- [2] 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 21-24.
- 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 17-20.  
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)