

# Curriculum Vitae

Zichen Wang

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## Education

Sep 2022 - Dec 2023 University of Rochester, M.S. in Computer Science  
Aug 2014 - May 2018 Purdue University, B.S. in Computer Science

## Publications

1. Hanjia Lyu\*, Jinsheng Pan\*, **Zichen Wang\***, and Jiebo Luo. Computational assessment of hyperpartisanship in news titles. *AAAI International Conference on Web and Social Media, ICWSM*, Buffalo, NY, USA, June 2024.
2. Jinsheng Pan, **Zichen Wang\***, Weihong Qi\*, Hanjia Lyu, Jiebo Luo. Understanding Divergent Framing of the Supreme Court Controversies: Social Media vs. News Outlets. *2023 IEEE International Conference on Big Data*, Sorrento, Italy, December 2023.
3. Jinsheng Pan\*, Weihong Qi\*, **Zichen Wang**, Hanjia Lyu, and Jiebo Luo. Bias or Diversity? Unraveling Fine-Grained Thematic Discrepancy in U.S. News Headlines. *Workshop on News Media and Computational Journalism, MEDIATE, AAAI International Conference on Web and Social Media, ICWSM*, June 2023.

## Professional Experience

**Meta Platforms, Inc.**  
Software Engineer

Menlo Park, CA  
Feb 2025 - Present

- Be responsible for the development and maintenance of sync infrastructure of Messaging.
- Drive experiments in innovative improvements on next-gen sync infrastructure of Messaging.
- Work closely with product teams to support the daily operation of the messaging features across company's Apps and critical new business investments.

**ByteDance Ltd.**  
Software Engineer

San Jose, CA  
Jan 2024 - Feb 2025

- Worked on server-side development of Product Detail Page and Product Review System of TikTok Shop.
- Acted as feature owner of several projects. Coordinated between multiple teams and stakeholders to deliver features efficiently.
- Collaborated with architects and technical leaders on code refactors and optimizations to improve the system stability and development efficiency.

**StoreHub**  
Front-end Developer

Shanghai, China  
Aug 2020 - May 2022

- Owned client-side development of BackOffice, a business management software used by 13,000 merchants.
- Designed a standardized monitoring system to track web page performance and quantify user experience.
- Blueprinted performance optimizing solutions for Beepit, a food delivery application with 31,000 daily active users, reducing its loading time by 30%.

**Trip.com Group**  
Software Engineer

Shanghai, China  
Sep 2019 - Jul 2020

- Developed and maintained IM+, a customer support system used by agents in all call centers.
- Solved several memory leak problems in IM+ and reduced the crash rate.

**SonicWall Inc.**  
Associate Software Engineer

Shanghai, China  
Jul 2018 - Aug 2019

- Worked on the development of user interface of firewall products.
- Solved several memory leak problems in IM+ and reduced the crash rate.