

Curriculum Vitae

Zichen Wang

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Address: Meta Platforms, Inc.
1 Meta Way
Menlo Park, CA 94025
Email: zcwang@meta.com
Phone: (585) 303 - 1802

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. Menlo Park, CA
Software Engineer 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. San Jose, CA
Software Engineer 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 Shanghai, China
Front-end Developer 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 Shanghai, China
Software Engineer 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. Shanghai, China
Associate Software Engineer 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.