

# Zichen Wang

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## Professional Experience

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### ByteDance Ltd.

**Jan 2024 - Present**

*Software Engineer*

*San Jose, CA, United States*

- Worked on server-side development of Product Detail Page and Product Review 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

**Aug 2020 - May 2022**

*Front-End Developer*

*Shanghai, China*

- 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

**Sep 2019 - Jul 2020**

*Software Engineer*

*Shanghai, China*

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

### SonicWall

**Jul 2018 - Aug 2019**

*Associate Software Engineer*

*Shanghai, China*

- Worked on the development of user interface of firewall products.
- Participated in the prototype development of firewall management mobile app based on React Native.

## Education

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### University of Rochester

**Sep 2022 - Dec 2023**

*M.S. in Computer Science*

Overall GPA: 4.0 / 4.0

### Purdue University, West Lafayette

**Aug 2014 - May 2018**

*B.S. in Computer Science*

Overall GPA: 3.29 / 4.0

## Publications

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1. Hanjia Lyu\*, Jinsheng Pan\*, **Zichen Wang\***, Jiebo Luo. Computational Assessment of Partisanship in News Titles. *AAAI International Conference on Web and Social Media (ICWSM)*, 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. *IEEE International Conference on Big Data (BigData)*, 2023
3. Jinsheng Pan, Weihong Qi, **Zichen Wang**, Hanjia Lyu, Jiebo Luo. Bias or Diversity? Unraveling Semantic Discrepancy in U.S. News Headlines. *MEDIATE Workshop, International AAAI Conference on Web and Social Media (ICWSM)*, 2023

## Skills

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<b>Programming Languages</b>	Golang, Python, JavaScript/TypeScript, HTML/CSS, Java, C++
<b>Frameworks &amp; Libraries</b>	Kitex, Hertz, Eventbus, Flask, LangChain, React.js, Redux, PyTorch, Pandas
<b>Data Processing</b>	Redis, MySQL, Thrift, protobuf, Elastic Search
<b>Tools</b>	Git, Docker, Azure, AWS, Jenkins
<b>Others</b>	Distributed system, Asynchronous processing, Data Mining, Agile development