

Zichen Wang

+1 (585) 303-1802 • zichen.wang.charles@gmail.com • <https://zicwcharles.github.io/>

Professional Experience

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

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

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

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