

# Zichen Wang

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## Education

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### University of Rochester

*M.S. in Computer Science*

**Sep 2022 - Dec 2023**

Cumulative GPA: 4.0 / 4.0

### Purdue University, West Lafayette

*B.S. in Computer Science*

**Aug 2014 - May 2018**

Overall GPA: 3.29 / 4.0

## Professional Experience

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### MarsWalk

*Backend & Machine Learning Engineer (Internship)*

**May 2023 - Jul 2023**

*Shanghai, China*

- Developed and integrated LangChain, ChatGPT, and Stable Diffusion to enable the creation and interaction of chatbots with distinctive characteristics.
- Created a Flask API server and a user interface utilizing Gradio for comprehensive feature testing purposes.

### StoreHub

*Front-End Developer*

**Aug 2020 - May 2022**

*Shanghai, China*

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

### Trip.com Group

*Software Engineer*

**Sep 2019 - Aug 2020**

*Shanghai, China*

- Developed and maintained IM+ (a customer support system used by agents at all call centers).
- Solved several memory leak problems in IM+.

## Skills

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### Programming Languages

Python, JavaScript/TypeScript, HTML/CSS, C/C++, Java

### Frameworks & Databases

Flask, LangChain, React.js, Redux, PyTorch, Gradio, Pandas, Redis, MySQL

### Tools & Others

Docker, Azure, AWS, Git, Jenkins, Jira, Agile, Scrum, RESTful API design

## 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, 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