

Zichen Wang

+1 (585) 303-1802 • zwang189@ur.rochester.edu • zcwcharles.github.io

Education

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

MarsWalk

Backend & Machine Learning Engineer (Internship)

May 2023 - Present

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

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, Git, Jenkins, Jira, Agile, Scrum, RESTful API design

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, 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