

Zichen Wang

+1 (585) 303-1802 • zichen.wang.charles@gmail.com • <https://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 - Jul 2023

Shanghai, China

- Developed one of the services based on Flask and LangChain to enable the creation and interaction of chatbots with distinctive characteristics for an AI chat mobile application.
- Created an user interface using 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 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

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+ and reduced the crash rate.

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, AWS, 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