

Zichen Wang

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Education

University of Rochester

Sep 2022 - Dec 2023

M.S. in Computer Science

Cumulative GPA: 4.0 / 4.0

Purdue University, West Lafayette

Aug 2014 - May 2018

B.S. in Computer Science

Overall GPA: 3.29 / 4.0

Projects

Computational Assessment of Partisanship in News Titles ([arxiv link](#))

Sep 2022 - Jan 2023

A Data Science research project of Partisanship Analysis in News Titles

University of Rochester

- Built web crawlers and collected over 1,800,000 news titles from 9 news media websites.
- Applied multiple NLP techniques such as Sentiment Analysis and Topic Modeling.
- Annotated dataset by using Human-Guided Machine Learning method.

Work Experience

StoreHub

Aug 2020 - May 2022

Front-End Developer

Shanghai, China

- Owned client-side development of BackOffice (a business management software, 8K merchants).
- Designed a metric system for monitoring web page performance.
- Researched and blueprinted performance optimizing solutions for Beepit (a cross-platform food delivery application, 31K DAU).
- Reduced Beepit web page loading time by 10% approximately.

Trip.com Group

Sep 2019 - Aug 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+.

SonicWall Inc.

Jul 2018 - Aug 2019

Associate Software Engineer

Shanghai, China

- Developed and maintained router management and configuration pages.
- Participated in the development of a mobile application for router management.

Skills

Programming Languages

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

Frameworks & Tools

React.js, Redux, PyTorch, Pandas, Express.js, AWS, Git, Jira, Kanban, Jenkins

Other

Agile, Scrum, RESTful API design