

ZHOUXIANG FANG

✉ zfang27@jh.edu

📍 Baltimore 📞 (1)-667-421-9685

EDUCATION

Johns Hopkins University, *M.S.E in Computer Science* *Aug 2023 - Present*

- Grades: A or A+ for all the courses
- Related Courses: Natural Language Processing (A+), NLP: Self-supervised Models

Zhejiang University, *B.S. in Artificial Intelligence* *Sep 2019 - June 2023*

- GPA: 3.83 / 4.00 (top 10%)
- Awards: Outstanding Graduate of Zhejiang University, Zhejiang University Scholarship - Second Prize

National College Entrance Examination in China *June 2019*

- Top 0.1% in 315k students

RESEARCH EXPERIENCE

Benchmarking LLMs on Answering and Explaining Challenging Medical Questions *Sep 2023 - June 2024*
Co-first Author

- collected two challenging medical QA datasets with high-quality explanations
- tested four LLMs performance on proposed datasets with different prompts (e.g. Zero-shot, Few-shot, CoT...)
- evaluated model generated explanations with automatic metrics and measured their alignment with human judgment
- Under review for *EMNLP 2024*

How to Generate Popular Post Headlines on Social Media *Jul 2022 - Oct 2022*
First Author

- analysed the influence of trends and personal styles on post popularity on social media
- proposed a novel model to generate trend-aware and personalized headlines on social media based on BART and a novel pretraining strategy to boost the model
- validated the effectiveness and superiority of the method on real-world datasets
- Accepted by *AI OPEN*

COURSE PROJECTS

Housing Price Prediction *May 2022 - Jun 2022*

- proposed effective feature engineering strategies and designed a novel ensemble model to boost performance
- ranked among the top 4% of 4,494 competitors in the leaderboard of Kaggle

Information Retrieval System *May 2022 - Jun 2022*

- implemented a local information retrieval system, supporting manual, searching history, different ways of querying, spelling correction and indexing
- made the system easy and interesting to use

SCHOLARSHIPS & AWARDS

Outstanding Graduate of Zhejiang University *May 2023*

Zhejiang University Scholarship - Second Prize *Nov 2022*

Excellent Student Research Training Program Project (School-Level) *May 2022*

Zhejiang University Scholarship - Second Prize *Nov 2021*

Zhejiang University Scholarship - Second Prize *Nov 2020*

EXTRACURRICULAR

Technical Director of All-media Visual Studio of Chu Kochen College, Zhejiang University

Member of Photography Association of Zhejiang University (FOTO)

Video Creator