

# ZHOUXIANG FANG

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📍 Baltimore 📞 (1)-667-421-9685

## EDUCATION

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**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

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**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

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**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

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**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

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

**Member of Photography Association of Zhejiang University ( FOTO )**

**Video Creator**