

YONGKANG LI

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EDUCATION

Peking University, Yuanpei College

Bachelor of Science, Data Science

GPA: 3.60/4.0

Core Courses: *Advanced Algebra (86%, 89%), Programming in C&C++(90%), Python Programming (97%), Data Structures (88%), Algorithm Design and Analysis (90%), Undergraduate Research (99%)*

University of California Berkeley

Master of Engineering, Industrial Engineering and Operation Research

Beijing, China

Sept. 2018-Jun. 2022

Berkeley, California

Sept. 2023-Jun. 2024

PUBLICATIONS

Yongkang Li, Sheng Wang, *BioLlama: Biomedical Inference Via Tool-Augmented Large Language Model*, in submission to Nature Communications

Yifan Wang, **Yongkang Li**, et al., *Deep Graph Mutual Learning for Cross-domain Recommendation*, Proceeding of the 27th International Conference on Database Systems for Advanced Applications (DASFAA), 2022

Shuai Li, Yifan Wang, **Yongkang Li**, et al., *GMR-Rec: Graph Mutual Regularization Learning for Multi-Domain Recommendation*, Submitted to Expert Systems with Applications (under review)

RESEARCH EXPERIENCE

University of Washington (online)

Research Intern at Sheng's Lab

Seattle, USA

Sep. 2023.-Now

- Perform biomedical inference by tuning large language models to master biomedical tools via documents.
- Achieve significant improvements using finetuned Llama7B over GPT4 in all experimental setting. Submit the results to a journal publication.

Peking University

Research Assistant at Dlib Group

Beijing, China

Jun. 2020-Mar. 2022

Research on Multi-Domain Recommendation Model

- Passionately explored Multi-Domain Recommender Model. Employed graph neural network to obtain extensive features for the cold-start users and employed mutual learning method to enhance the users' representation in the target domains
- Presented convincing findings of the work at a prestigious conference. Extended the work and submitted the results to a journal publication

WORKING EXPERIENCE

Meituan Corp.

Algorithm Strategy Intern

Beijing, China

Nov. 2020-Jan. 2022

- Habituated with the *Dianping APP* (the most widely used consumer review application in China) and identified the potential corners for improvements
- Professionally designed, developed, and implemented a deep graph recommendation algorithm for the application. Wangled ratification for the improvements

Peking University
Teaching Assistant

Beijing, China
Mar. 2021-Jul. 2021

- Assisted the professor in Algorithm Design and Analysis course
- Prepared lessons, arranged discussions and tutorials
- Graded students' quizzes, programming assignments, and exam papers

SELECTED AWARDS AND HONORS

Henan College Entrance Exam (Ranked 2 nd out of 983,000)	<i>Jun. 2018</i>
First Prize of Freshmen Scholarship (Worth \$7,600)	<i>Dec. 2018</i>
Annual Undergraduate Research Award	<i>Mar. 2022</i>
Yuanpei College Academic Star & Outstanding Graduate	<i>Jun. 2022</i>

SKILLS

Language: Chinese (Native), Fluent English (TOEFL: 108)

Programming: C/C++, Python

Certifications: MIT 6.431x Probability, MIT 6.86x Machine Learning