

EDUCATION

Beijing Normal University

M.S. in System Science

Beijing, China

Sep 2021–Current

Beijing University of Posts and Telecommunications

B.S. in Applied Physics, GPA: 3.5/4.0

Beijing, China

Sep 2017–June 2021

- Beijing Outstanding Graduates

EXPERIENCE

LinkedIn China & Microsoft Research Asia Alumni

Feb 2022 - May 2023

Machine Learning Engineer Intern

Beijing, China

- Connections empower Person-Job Fit
 - * Perform data collection, data cleaning, and data analysis with Spark and SQL on LinkedIn’s internal database.
 - * Literature review on Person-Job Fit and Heterogeneous Graph Neural Networks.
 - * Design and implement a heterogeneous graph neural network model for Person-Job Fit.
- A Hierarchical Framework with Multitask Co-Pretraining on Semi-Structured Data towards Effective Person-Job Fit
 - * Participated in Experiment Design and Implementation.
 - * The paper is under review by ICASSP 2024

Microsoft Research Asia Alumni

May 2023 - Current

Research Intern

Beijing, China

- Heterogeneous Information Network Question Answering
 - * Introduced and developed HINQA, a pioneering dataset geared towards evaluating graph analysis capabilities in knowledge base question answering.
 - * Plan to summit to NAACL 2024

Beijing Normal University

May 2023 - Current

Research Intern

Beijing, China

- Knowledge Graph Construction
 - * Proposed LLM powered Domain-specific Knowledge Graph Construction System
 - * It has been released as a python package, namely, **DescKGC**, which is publicly available.

PUBLICATIONS

1. **Hao Chen**, Lun Du, Yuxuan Lu, Qiang Fu, Xu Chen, Shi Han, Yanbin Kang, Guangming Lu, and Zi Li, “Professional Network Matters: Connections Empower Person-Job Fit”, *The 17th ACM International Conference on Web Search and Data Mining (WSDM)*, March 2024

SCHOLARSHIPS AND AWARDS

- First-Class Scholarship, Beijing Normal University 2022-2023
- First-Class Scholarship, Beijing Normal University 2021-2022

SKILLS

- **Programing Language:** Python, SQL, Spark, Cypher, MATLAB, LaTeX
- **Machine Learning Frameworks:** PyTorch, PyTorch Geometric, TensorFlow, HuggingFace Transformers