

Yumo, Yao

ymyao@mail.sdufe.edu.cn|+86 152 5412 3537| [Homepage](#) [Github](#)

Education

Shandong University of Finance and Economics -Jinan, China **Sep 2020 - Jun 2023**

Master of Engineering in Computer science and technology

- Key Course: Deep learning, matrix calculation, data structure and algorithm analysis
- GPA 94.25(100);
- Award: First-Class Academic Scholarship (2020.9), Academic Scholarship (2021.9)

Shandong University of Finance and Economics -Jinan, China **Sep 2016 - Jun 2020**

Bachelor of Engineering in Computer science and technology

- Key Course: Computer Organization, Machine learning, linear algebra, advanced mathematics
- GPA 3.2(4);
- Award: Academic Scholarship (2016-2020, 4 times), Excellent Graduates (2020.6), Excellent league Members (2 times)

Experience

Professor Cui's Group **Sep 2020 - Jun 2023**

- National Natural Science Foundation of China “A study on the prediction of academic achievement of students with academic backwardness from the perspective of campus behavior perception”
- National Natural Science Foundation of China “Research on predictive and interpretable intelligent knowledge tracing modeling method”

Student Union of College of Computer Science and Technology **Oct 2021 - Oct 2022**

- President of student union

Mathematics China Digital Modeling Challenge **Feb 2021- Apr 2021**

- Team Leader
- Award: The 14th Excellence Award

Shandong Inspur-UPTEC Education Ltd. **Jun 2020- Sep 2020**

- Certificate: Inspur-UPTEC Certified Big Data Application Development Engineer

Publications

ChaoranCui, **YumoYao**, ChunyunZhang, HeboMa, ZhaochunRen and Chen Zhang, “GOODKT: A Dual Graph Online Knowledge Distillation Method for Knowledge Tracing”, *ACM Transactions on Information Systems* (In Submission), [\[PDF\]](#)

ChunyunZhang, HeboMa, ChaoranCui, **YumoYao**, WeiranXu, Yuling Ma and YunfengZhang, “CoSKT: A Collaborative Self-supervised Learning Method for Knowledge Tracing”, *Information Processing and Management* (In Submission)

Additional

- Programming Languages: Python(main), C++, Java, HTML
- Software & Environment: Pycharm, Pytorch, VSCode, MATLAB, Linux, Git, PS, PR
- Language: Mandarin (Native), English