

# YUCHEN YAN

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## Education

### Peking University

*M.S. in School of Intelligence Science and Technology*

2020 - 2023

3.35/4.0 GPA

### Beijing Institute of Technology

*B.S. in Computer Science and Technology*

2016 - 2020

3.82/4.0 GPA, Rank: 1/63

## Work Experience

### ByteDance

*Algorithm Engineer in Data-Search*

07/2023 – Now

Regular

### Microsoft

*Researcher in Bing Ads, STCA*

07/2022 – 10/2022

Intern

### ByteDance

*Douyin(TikTok) live Recommendation in Data Department*

03/2022 – 07/2022

Intern

## Publication

### Inductive Graph Alignment Prompt: Bridging the Gap between Graph Pre-training and Inductive Fine-tuning From Spectral Perspective

Yuchen Yan, Peiyan Zhang, Zheng Fang, QingqingLong

International World Wide Web Conference (WWW), 2024, **Oral Presentation**

### TransGNN: Harnessing the Collaborative Power of Transformers and Graph Neural Networks for Recommender Systems

Peiyan Zhang\*, Yuchen Yan\*, Chaozhuo Li, Senzhang Wang, Xing Xie, Sunghun Kim

International ACM SIGIR Conference (SIGIR), 2024

### GPT4Rec: Graph Prompt Tuning for Streaming Recommendation

Peiyan Zhang\*, Yuchen Yan\*, Chaozhuo Li, Liying Kang, Xi Zhang, Feiran Huang, Senzhang Wang, Sunghun Kim

International ACM SIGIR Conference (SIGIR), 2024

### Continual Learning on Dynamic Graphs via Parameter Isolation

Peiyan Zhang\*, Yuchen Yan\*, Chaozhuo Li, Senzhang Wang, Xing Xie, Guojie Song, Sunghun Kim

International ACM SIGIR Conference (SIGIR), 2023, **Oral Presentation**

### MOAT: Graph Prompting for 3D Molecular Graphs

Qingqing Long, Wentao Cui, Yuchen Yan, Zheng Fang, Yuanchun Zhou, Pengfei Wang

Under review, KDD2024

### MolecularPrompt: Multi-Level Graph Prompt Learning for Molecules

Qingqing Long, Chen Fang, Wentao Cui, Yuchen Yan, Yuanchun Zhou, Pengfei Wang

Under review, IJCAI2024

## Selected Honors and Awards

Awards of Student Excellence, 2022 (Top 5%)

Graduate Excellence Award of Beijing (top 1%)

National Scholarship, 2018-2019 Academic Year(top 2%)

National Scholarship, 2017-2018 Academic Year(top 2%)

National Scholarship, 2016-2017 Academic Year(top 2%)

## Technical Skills

**Languages:** Python, C, C++

**Deep Learning:** pytorch, tensorflow, pyg

**English:** TOEFL 94