

Zekun Li

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RESEARCH INTERESTS

I have broad research interests :). I am currently interested in natural language processing and dialog system. Before that, I worked on data mining, graph representation learning and its application in recommender system.

EDUCATION

University of California, Santa Barbara *Sep 2021 - Present*

Ph.D. in Computer Science

- Advisor: Professor Xifeng Yan
- Research directions: Natural Language Processing, Dialog system

Univ. of Chinese Academy of Sciences *Sep 2018 - June 2021*

MEng in Cyberspace Security

- Advisors: Professor Xiaoyu Zhang, Professor Shu Wu, Professor Liang Wang
- Research directions: Data Mining, Recommender System, Graph Neural Network

Shandong University *Sep 2014 - June 2018*

BEng in Computer Science and Technology (Excellent class)

- Advisors: Professor Xuemeng Song, Professor Liqiang Nie
- Research directions: Information Retrieval, Multimedia computing

PUBLICATIONS Conferences

1. **Cold-start Sequential Recommendation via Meta Learner.** [-PDF](#)
 - Yujia Zheng, Siyi Liu, **Zekun Li**, and Shu Wu.
 - *The 35th AAAI Conference on Artificial Intelligence (AAAI 2021)*.
2. **Fi-GNN: Modeling Feature Interactions via Graph Neural Networks for CTR Prediction.** [-PDF](#)
 - **Zekun Li**, Zeyu Cui, Shu Wu, Xiaoyu Zhang, Liang Wang.
 - *The 28th ACM International Conference on Information and Knowledge Management (CIKM 2019)*.
3. **Semi-supervised Compatibility Learning across Categories for Clothing Matching.** [-PDF](#)
 - **Zekun Li**, Zeyu Cui, Shu Wu, Xiaoyu Zhang, Liang Wang.
 - *2019 IEEE International Conference on Multimedia and Expo (ICME 2019)*.
4. **Dressing as a Whole: Outfit Compatibility Learning Based on Node-wise Graph Neural Networks.** [-PDF](#)
 - Zeyu Cui*, **Zekun Li***, Shu Wu, Xiaoyu Zhang, Liang Wang.
 - *The World Wide Web Conference. 2019. (WWW 2019)*.
5. **NeuroStylist: Neural Compatibility Modeling for Clothing Matching.** [-PDF](#)
 - Xuemeng Song, Fuli Feng, Jinhuan Liu, **Zekun Li**, Liqiang Nie, Jun Ma.

- *The 25th ACM international conference on Multimedia. 2017 (ACM MM 2017)*.

6. Clothing Matching Based on Multi-modal Data. -PDF

- **Zekun Li**, Xuemeng Song, Tian Gan, Zhumin Chen, Xiaoyu Zhu.

- *International Conference on Internet Multimedia Computing and Service. 2017 (ICIMCS 2017)*.

Journals

1. Weakly-supervised action localization via embedding-modeling iterative optimization. -PDF

- Xiaoyu Zhang, Haichao Shi, Changsheng Li, Peng Li, **Zekun Li**, Peng Ren.

- *Pattern Recognition 113 (2021): 107831*

Workshops

1. DGTN: Dual-channel Graph Transition Network for Session-based Recommendation. -PDF

- Yujia Zheng, Siyi Liu, **Zekun Li**, and Shu Wu.

- *The 21th IEEE International Conference on Data Mining Workshop (NeuRec@ICDM 2020)*.

Preprints

1. Graph Factorization Machines for Feature Interaction Modeling.

- **Zekun Li**, Shu Wu, Zeyu Cui, Xiaoyu Zhang.

- *In submission. 2021.*

2. Heterogeneous Graph Collaborative Filtering. -PDF

- **Zekun Li***, Yujia Zheng*, Shu Wu, Xiaoyu Zhang, Liang Wang.

- *In submission. arxiv. 2020.*

3. DyGCN: Dynamic Graph Embedding with Graph Convolutional Network. -PDF

- Zeyu Cui*, **Zekun Li***, Shu Wu, Xiaoyu Zhang, Qiang Liu, Liang Wang, Mengmeng Ai.

- *In submission. arxiv. 2020.*

REVIEWS

External reviewers for WSDM 2020, PAKDD 2020, AAAI 2020, WWW 2020, AAAI 2021, TKDE, TNNLS, and TOIS.

AWARDS

1. Academic Excellence Fellowship, Department of CS at UCSB
2. Next Generation Internet Technology Innovation Competition, 1st Prize in East China District.
3. The Chinese Mathematics Competitions, 2nd prize in Shandong District.
4. China Undergraduate Mathematical Contest in Modeling, 3rd prize in Shandong District.
5. Third Class Scholarship for Outstanding Students at SDU.