

# XIANG YUE

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Homepage: <https://xiangyue9607.github.io/>

## EDUCATION

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| Ph.D Student | Department of Computer Science and Engineering(CSE),<br>The Ohio State University (OSU), USA | 2018-present |
| .            | Advisor: Prof. <a href="#">Huan Sun</a>  |              |
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| B.Eng.       | School of Computer Science, Wuhan University, China  | 2014-2018    |
| .            | GPA: 3.79/4.0, Rank: 1%, Outstanding Graduates   |              |
| .            | Advisor: Prof. <a href="#">Wen Zhang</a>   |              |
| .            | <i>Thesis: Drug-disease associations mining and study (in Chinese)</i>                       |              |
| .            | <i>(Excellent Graduation Thesis Award)</i>   |              |

## RESEARCH INTERESTS

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- Data Mining, especially for graph mining, graph similarity, graph embedding, network representation learning, recommendation system
- Bioinformatics, apply data mining technology in medical domain

## PUBLICATIONS

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- [1] Wen Zhang, **Xiang Yue**, Weiran Lin, Wenjian Wu, Ruoqi Liu, Feng Huang, Feng Liu , "Predicting drug-disease associations by using similarity constrained matrix factorization", *BMC Bioinformatics*, June 2018
- [2] Wen Zhang, **Xiang Yue**, Feng Huang, Ruoqi Liu, Yanlin Chen, Feng Huang, Chunyang Ruan, "Predicting drug-disease associations and their therapeutic function based on the drug-disease association bipartite network", *Methods*, June 2018
- [3] Wen Zhang, **Xiang Yue**, Feng Liu, Yanlin Chen, Shikui Tu, Qianlong Qu, Xining Zhang, "A unified frame of predicting side effects of drugs by using linear neighborhood similarity", *BMC Systems Biology*, Dec. 2017
- [4] Wen Zhang, **Xiang Yue**, Yanlin Chen, Weiran Lin, Bolin Li, Feng Liu, Xiaohong Li, "Predicting drug-disease associations based on the known association bipartite network"  
*IEEE International Conference on Bioinformatics and Biomedicine 2017 (BIBM 2017)*
- [5] Wen Zhang, Jingwen Shi, Guifeng Tang, Wenjian Wu, **Xiang Yue**, Dingfang Li, "Predicting drug-disease associations based on the known association bipartite network"  
*IEEE International Conference on Bioinformatics and Biomedicine 2017 (BIBM 2017)*

## HONORS & AWARDS

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- Excellent Graduation Thesis Award of WHU (Scale: 5%) June 2018
- Outstanding Graduates of WHU (Scale: 10%) May 2018
- LEI JUN Scholarship (Scale: Top 1 Winner of National Scholarship, the highest prize for students in WHU) 2016-2017
- First Class Scholarship (Scale: 5%), Three Times, WHU 2014-2017
- Excellent Student (Scale: 5%), Three Times, WHU 2014-2017

- National Scholarship (Scale: 1%), China

*2014-2015*

## TECHNICAL SKILLS

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|                              |  |
|------------------------------|--|
| <b>Computer Languages</b>    | Python, MATLAB, JAVA, C/C++, HTML/CSS/JS |
| <b>Library &amp; Package</b> | scikit-learn, theano, numpy, tensorflow  |
| <b>Databases</b>             | MySQL, MongoDB, SQLite                   |
| <b>Tools</b>                 | Git                                      |