

Yahui An

Web Sciences Center, School of Computer Science and Engineering, UESTC
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PERSONAL INFORMATION

Nationality: P.R. China
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RESEARCH INTERESTS

My research interest focus on the applications of network science and recommender systems. I mainly study the user behaviors in e-commerce platform, social media platforms and news and information platforms. The main research direction of our lab(Web Sciences Center) are data mining and information recommendation, Internet user behavior analysis, structure, evolution and function analysis of the Internet. I have participated in some projects. They are mainly about recommender systems.

Recommender systems

Recommendation Algorithms, Metrics, Link Prediction

Network Science

Bipartite Network, Networked Spreading Processes

EDUCATION

Aug. 2016 - Now: National University of Singapore(NUS)

Visiting student in Computer Science. WING, School of Computing
Advisor: Prof. Kan Min-Yen, Prof. Yan Fu and Prof. Qiang Dong

Sept. 2015 - Now: University of Electronic Science and Technology of China(UESTC)

PhD 15' student in Computer Science. Web Sciences Center, School of Computer Science and Engineering
Advisor: Prof. Yan Fu and Prof. Qiang Dong

Sept. 2013 - Jul. 2015: University of Electronic Science and Technology of China(UESTC)

Master 13' student in Computer Science. Web Sciences Center, School of Computer Science and Engineering
Advisor: Prof. Yan Fu

Sept. 2009 - Jul. 2013: University of Electronic Science and Technology of China(UESTC)

Bachelor in Computer Science and Technology. School of Computer Science and Engineering
GPA: 3.70/4.0

SELECTED PUBLICATIONS

[1] **An, Y. H.**, Dong, Q., Fu, Y., et al., Finding experts: User Importance-aware recommender systems for movies and songs. (In preparation)

[2] **An, Y. H.**, Dong, Q., Fu, Y., et al., Improving the diversity and novelty: Embed item-based collaborative filtering to diffuse-like methods. (In preparation)

[3] **An, Y. H.**, Dong, Q., Sun, C. J., Nie, D. C., & Fu, Y. (2016). Diffusion-like recommendation with enhanced similarity of objects. *Physica A: Statistical Mechanics and its Applications*. (Accepted)

[4] Nie, D. C., **An, Y. H.**, Dong, Q., Fu, Y., & Zhou, T. (2015). Information filtering via balanced diffusion on bipartite networks. *Physica A: Statistical Mechanics and its Applications*, 421, 44-53.

[5] Dong, Q., Zhao, Q., & **An, Y.** (2015). The hamiltonicity of generalized honeycomb torus networks. *Information Processing Letters*, 115(2), 104-111.

**SELECTED
AWARDS AND
HONORS**

- 2016-2017 Second-class Graduate Scholarship (10%), UESTC
- 2015-2016 Entrance Scholarship (10%), UESTC
- 2014-2015 Second-class Graduate Scholarship, UESTC
- 2013-2014 Entrance Scholarship (10%), UESTC
- 2013 Outstanding Graduates Awards of the University(5%), UESTC
- 2011-2012 Enterprise Scholarship, UESTC
- 2011 Third-class Award in National English Contest for College Students(5%), Ministry of Education of China

SKILLS

Programming & Typesetting

Matlab(practical), Python(basic), Java(basic); LATEX(practical), MS Office(practical)

Language

English(fluent), Chinese(native)

HOBBIES

Travel, Badminton, Running