Lu Yu

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Research Interests

Data Mining, Machine Learning, Statistical Learning, Bayesian Modeling, Recommender Systems, Information Retrieval, Computer Vision.

Education

Hangzhou Normal University (HZNU)

M.S., Information Science and Technology, Sep. 2012 - Jul. 2015 (Excepted)

University of Electronic Science and Technology of China (UESTC)

B.E., Computer Science and Technology, Sep. 2008 - Jul. 2012

Experience

Flash developer @ Dreamfly Studio   Mar. 2009 to Apr. 2010

Dreamfly Studio was organized by a group of passionate young geeks with a strong faith that information technology could change the life pattern of people, and dreams are their invisible wings driving them to never cease creation for altering the world, digging solutions to tough questions and sharing them. During that nostalgic time, I independently developed an online class for Xiangyata Community based on an open source project, namely "flexpaper", and was ever responsible for the design of back-end's CSS/Html pages for Electrical Normative File Management System of Chengdu.

Publications

1. Zi-Ke Zhang (supervisor), **Lu Yu**, Kuan Fang, et al. Website-oriented recommendation based on heat spreading and tag-aware collaborative filtering. Physica A: Statistical Mechanics and its Applications, 2014, 399: 82-88. IF = 1.651

2. Chu-Xu Zhang, Zi-Ke Zhang (supervisor), **Lu Yu**, et al. Information filtering via collaborative user clustering modeling. Physica A: Statistical Mechanics and its Applications, 2014, 396: 195-203. IF = 1.651

Submitted Publications

1. **Lu Yu**, Chuang Liu, Zi-Ke Zhang, Latent Collaborative Retrieval with Query Path, 2014. Submitted to *Recommender Systems 2014*.

2. **Lu Yu**, Chuang Liu, Zi-Ke Zhang, Multi-Linear Interactive Matrix Factorization, 2014, Submitted to *Knowledge-based Systems*.

Awards

First Prize (leader)
First CNNIC&DataTang Internet Data Mining Contest   Dec. 2012
Contest Home Page : http://cnnicdata.datatang.com/
Solution Title: Personalized website recommender system based on heat spreading and machine learning techniques. (see 1st item in publications)

Programming Skills

Language
C, C++, Python, R, ActionScript, SQL.
Tools
SubLimeText, Matlab, Git, LaTeX, Origin, Gephi, Matplotlib, etc.