Xiao Yang

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R&D INTERESTS

· Machine Learning & Data Mining; Personalized Recommendation; Information Retrieval &NLP

EDUCATION

Harbin Institute of Technology   **Sep. 2011~ Jul. 2013**

· M.S. in Computer Science and Technology (Top 5%)

· Advisor: Prof. Yue-jin Du

Harbin Institute of Technology   **Sep. 2007~ Jul. 2011**

· B.S. in Information Security (Top 10%)

RESEARCH & PROJECT EXPERIENCE

Microsoft Research Asia   **Dec. 2012~ May. 2013**

· Research Intern

Data Analysis Center of NINIS, CNCERT   **Jun. 2012~ Dec. 2012**

· R&D Intern

CNIS Lab, Harbin Institute of Technology   **Mar. 2009~ Jul. 2013**

· Research Assistant & Group Leader

Projects

· DMP Platform with Behavioral Targeting of Mobile Advertising for Eversec Inc. (Team Leader)

· National Science & Technology Support Program Project: National Next-generation Internet Information Security Special Project.

· National Natural Science Foundation of China: Research on Abstract Model of Network Traffic Simulation (61003261) and Research on Topology Abstract Theory and Aggregation Model of High Performance Network Simulation (61100189).

· National 242 Information Security Project: Research on Key Techniques of Internet Emergency Response System and Research on Key Techniques of Secure Domain Name Server.

· 11th National Five-year-plan of Key Science and Technology Project (863): Monitoring Technology and System of Internet Security Incidents (2007AA010503).

PUBLICATIONS

Conference Papers

· Xiao Yang, Zhaoxin Zhang. Combining Prestige and Relevance Ranking for Personalized Recommendation. Proceedings of the 22st ACM international conference on Information and knowledge management (CIKM 2013).

· Xiao Yang, Zhaoxin Zhang. Personalized Recommendation based on Co-Ranking and Query-based Collaborative Diffusion. The Twenty-Seventh AAAI Conference on Artificial Intelligence (AAAI 2013).

· Xiao Yang, Zhaoxin Zhang, Ke Wang. Scalable Collaborative Filtering Using Incremental Update and Local Link Prediction. Proceedings of the 21st ACM international conference on Information and knowledge management (CIKM 2012).

- Xiao Yang, Zhaoxin Zhang, Ke Wang. Human Behavior Dynamics in Online Social Media: A Time Sequential Perspective. Proceedings of the 18th ACM SIGKDD international conference on Knowledge discovery and data mining workshop on Social Network Mining and Analysis (KDD 2012).
- Xiao Yang, Zhaoxin Zhang. Web Information Extraction Based on Visual Characteristics. CCIR 2010.

Journal Papers

- Yuejin Du, Xiao Yang, Ke Wang. Performance Measurement Framework of DNS Resolution Network Based on User Perception. Journal of Nanjing University of Aeronautics & Astronautics, 2013, 45(1).
- Yuejin Du, Xiao Yang, Zhaoxin Zhang. Modeling the Name Resolving Dependency in DNS Based on Predicate Logic. High Technology Letters, 2013, Vol. 19, No.1.

HONORS & AWARDS

- Excellent graduate of Heilongjiang Province (Top 1%)
- Graduate Student Special Scholarship of Harbin Institute of Technology
- First and Second Class Scholarship of Harbin Institute of Technology
- Merit Student of Harbin Institute of Technology (twice)
- National Encouragement Scholarship
- China Satellite Student Grant
- University Class Excellent Undergraduate Dissertation of Harbin Institute of Technology
- Outstanding Graduate of Heilongjiang Province
- Third Prize in China Undergraduate Information Security Contest

EXTRACURRICULAR ACTIVITIES

- Aug. 2009~ Nov.2009: Participated in the writing of Learning C# from Scratch for China Machine Press
- Sep. 2009~ Mar. 2010: Undertook a science and technology project of Harbin Institute of Technology for building a vertical search engine with structured data, got A level from reviewers
- Mar. 2010~ Nov. 2010: Vice minister in student union of Harbin Institute of Technology
- Jun. 2010~ Nov. 2011: Organized the open source salon of Harbin Institute of Technology
- Oct. 2011~ Dec. 2011: Passed the Machine Learning and Artificial Intelligence class of Stanford Online Course with excellent grades, got the certificates signed by the instructors
- Mar. 2012~ Now: Top 2% players in Kaggle platform for predictive modeling competitions

SKILLS

- Programming: Python, C/C++, C#, Matlab, R, AS3, Java
- English: College English Test Band 4 (CET-4) & Test Band 6 (CET-6)