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~ Now

· 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~ Now

· Research Intern

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

· R&D Intern

CNIS Lab, Harbin Institute of Technology   Mar. 2009~ Now

· 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. 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, Zhen Tian, Huayang Cui, Zhaoxin Zhang. Link Prediction On Evolving Network Using Tensor-based Node Similarity. IEEE CCIS 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)