

Xiao Yang

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EDUCATION

Sep. 2011~ Now	M.S. in Computer Science and Technology Harbin Institute of Technology	Top 5%
Sep. 2007~ Jul. 2011	B.S. in Information Security Harbin Institute of Technology	Top 10%

RESEARCH & PROJECT EXPERIENCE

Mar. 2009~ Now	Computer Network and Information Security Research Center, Harbin Institute of Technology Research Assistant & Group Leader <ul style="list-style-type: none">• Manager of DNS security group and distributed storage & computing group, participated in the research and development of several projects and research works
Jun. 2012~ Sep. 2012	The National Computer network Emergency Response technical Team Coordination Center of China(CNCERT) R&D Intern <ul style="list-style-type: none">• Analyzed statistical information on large scale DNS log data, researched the name dependencies inherent in DNS for writing the IETF RFC document
Sep. 2011~ Jun. 2012	National Science & Technology Support Program Project: National Next-generation Internet Information Security Special Project <ul style="list-style-type: none">• Designed and developed a probe system to analyze perils of transitive trust and configuration errors in the domain name system, proposed a quantifying DNS namespace influence algorithm based on FTA and predicate logic
Apr. 2011~ Jun. 2012	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) <ul style="list-style-type: none">• Researched on topology abstract model and multilayer-based transmit-receive model of abstract node in large scale network traffic simulation
Mar. 2010~ Dec. 2010	National 242 Information Security Project: Research on Key Techniques of Internet Emergency Response System (2007242A37) and Research on Key Techniques of Secure Domain Name Server (2007242A13) <ul style="list-style-type: none">• Designed and implemented a middleware and gateway to filter malicious domain name resolution for recursive DNS server, developed the DNS backup system
Mar. 2009~ Nov. 2010	11th National Five-year-plan of Key Science and Technology Project(863): Monitoring Technology and System of Internet Security Incidents (2007AA010503) <ul style="list-style-type: none">• Developed front-end display system based on Google Map API and interactive data server for internet security incidents simulation results

PUBLICATIONS

Xiao Yang, Zhaoxin Zhang, Ke Wang. Scalable Collaborative Filtering Using Incremental Update and Local Link Prediction. ACM CIKM 2012.

Xiao Yang, Zhaoxin Zhang, Ke Wang. Human Behavior Dynamics in Online Social Media: A Time Sequential Perspective. ACM SIGKDD 2012 Workshop on Social Network Mining and Analysis.

Xiao Yang, Zhen Tian, Huayang Cui, Zhaoxin Zhang. Link Prediction On Evolving Network Using

Tensor-based Node Similarity. IEEE CCIS 2012.

Qian Wu, Xiao Yang, Zhaoxin Zhang. Web Information Extraction Based on Visual Characteristics.
CCIR 2010 (in Chinese).

HONORS & AWARDS

Aug. 2012	Graduate Student Special Scholarship of Harbin Institute of Technology
Sep. 2007~ Jul. 2011	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

R&D INTERESTS

Machine Learning & Data Mining
Computational Advertising
Personalized Recommendation
Distributed Computing Systems
Information Retrieval & NLP
Complex Network Analysis

SKILLS

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

PERSONAL PROFILE

Data of Birth: Sep. 5th, 1990 Gender: Male

Hobbies: Programming; Algorithm; Science Fiction; Chinese Conducting Regimen; Swimming; Basketball