

Xuelei Hu

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Education	2001 - 2005	The Chinese University of Hong Kong	Hong Kong
	Doctor of Philosophy, Computer Science and Engineering		
	<ul style="list-style-type: none"> Thesis title: investigation on Bayesian Ying-Yang learning for model selection in unsupervised learning. 		
Education	1999 - 2001	Nanjing University of Science and Technology	Nanjing
	Master, Pattern Recognition and Intelligence System		
	<ul style="list-style-type: none"> Graduated Summa Cum Laude. Thesis title: Computer assisted puncture based on stereo vision techniques. 		
Education	1995 - 1999	Nanjing University of Science and Technology	Nanjing
	Bachelor, Computer Software		
	<ul style="list-style-type: none"> Graduated Summa Cum Laude. Thesis title: X-ray image real time processing used for the computer aided puncture based on two X-ray devices. 		
Research Experience	2006 - present	School of Computer Science and Technology, Nanjing University of Science and Technology	Nanjing
	Associate Professor		
	2009 – 2010	Robotics Institute, Carnegie Mellon University	Pittsburgh
	Visiting Postdoctoral Fellow		
	2005 - 2006	School of Computer Science and Technology, Nanjing University of Science and Technology	Nanjing
Assistant Professor			
Research Experience	2001 - 2005	Department of Computer Science and Engineering, The Chinese University of Hong Kong	Hong Kong
	Doctoral Research (Advisor: Prof. Lei Xu)		
	1999 - 2001	School of Computer Science and Technology, Nanjing University of Science and Technology	Nanjing
Master's Research (Advisor: Prof. Jingyu Yang)			
Research Grants	Principal Investigator		
<ul style="list-style-type: none"> National Natural Science Foundation of China (NSFC) Grant, "Active Learning for Mobile Robotic Perception", Jan. 2008 - Dec. 2010. Natural Science Foundation of Jiangsu Province Grant, "Active Learning for Robotic Perception", July. 2007 - Dec. 2009. "The Six Top Talents" of Jiangsu Province Grant, "Network Intrusion Detection based on Machine Learning Techniques", Jan. 2008 - Dec. 2009. Scientific Research Foundation of Nanjing University of Science and Technology 			

Grant, "Automatic Dimension Reduction Methods", Jan. 2007 - Dec. 2008.

Publications Please see List of Publications on my web page.

Journal Reviewer

- Journal of Machine Learning Research
- IEEE Transaction on Neural Networks
- Neurocomputing
- Neural Information Processing - Letters & Reviews

Program Committee Member

- International Symposium on Neural Networks 2007
- International Conference on Machine Learning and Cybernetics 2007
- International Conference on Machine Learning and Cybernetics 2008
- IEEE International Conference on Networking, Sensing and Control 2008

Teaching Experience 2006 - present Nanjing University of Science and Technology Nanjing

Associate Professor

- Supervised master students and undergraduate final year projects.
- Taught postgraduate courses in Machine Learning, Artificial Intelligence, Seminar on Machine Learning Theory and Applications, and undergraduate course in Data Structure.

2001 - 2004 The Chinese University of Hong Kong Hong Kong

Teaching Assistant

- Assisted with courses in Introduction to Theoretical Computer Science, Numerical Computation, Design and Analysis of Algorithms, Computer Organization, Digital Logic & Systems, Computer System Architecture, Computer Design.

Awards and Honors

- Outstanding Research Award, Nanjing University of Science and Technology, 2007.
- Postgraduate Studentship, the Chinese University of Hong Kong, 2001 - 2004.
- Excellent Graduate Student, Nanjing University of Science and Technology, 2001.
- Outstanding Graduate Prize, China North Industries Group Corporation, 1999.
- Top Class Scholarship, Nanjing University of Science and Technology, 1995 – 1999 (only awarded to 1% outstanding students).