

Curriculum Vitae

Hao Wang

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Research Interests

Child language development, computational modeling, neural basis of language

Education and Training

2006 - Present PhD student, Department of Psychology, University of Southern California
03/2005 EEG/ERP Acquisition & Analysis, Curry Training Course, Comprehensive
Scan School, NeuroScan, Hangzhou, China
1999 - 2003 B. Eng. in Electrical Engineering, Xiangtan University, Hunan, China

Scholarship and Awards

2008 Spring - 2009 Spring Research assistantship, Dept. of Psychology, University of Southern
California (USC)
2007 Paula Menyuk Travel Award, BUCLD 32
2007 Graduate and Professional Student Senate (GPSS) travel grant, USC
2007 Fall Teaching assistantship, Dept. of Psychology, USC
2006-2007 & 2009 - 2010 Valentine fellowship, Dept. of Psychology, USC
2002 Scholarship, Xiangtan University
2001 Scholarship, Xiangtan University

Research Grants

Applications not funded

2008 Psychology Summer Research Award

Applications funded

2009 Psychology Summer Research Award

Publication

Wang, H., Mintz, T. H., Höhle, B. (in preparation). Cross-linguistic validity of word categorization with frequent frames: Evidence from German and Turkish child-directed speech.

- Wang, H., & Mintz, T. H. (in preparation). From linear sequences to abstract structures: Distributional information in infant-direct speech.
- Wang, H., & Mintz, T. H. (2008). A Dynamic Learning Model for Categorizing Words Using Frames. In H. Chan, H. Jacob & E. Kipia, (Eds.), *Proceedings of the 32nd annual Boston University Conference on Language Development* (pp. 525-536). Somerville, MA: Cascadilla Press.

Presentation

- Wang, H., & Mintz, T. H. (Nov 2009). *From linear sequences to abstract structures: Distributional information in infant-direct speech*. Poster presentation at the 34th annual Boston University Conference on Language Development, Boston, MA. Accepted Aug 12, 2009.
- Wang, H., & Mintz, T. H. (2009). *From linear sequences to abstract structures: Distributional information in infant-direct speech*. 2009 Symposium on Cognitive and Language Development, Los Angeles, CA.
- Höhle, B., Wang, H., & Mintz, T. H. (2008). *Syntactic categorization of new words: Distributional and morphological cues to form class*. XXIX International Congress of Psychology 2008.
- Wang, H., & Mintz, T. H. (2008). *A Dynamic Learning Model for Categorizing Words Using Frames*. Sandynock Southern California Symposium on Cognitive and Language Development, Irvine, CA.
- Wang, H., & Mintz, T. H. (2007). *A Dynamic Learning Model for Categorizing Words Using Frames*. 32nd annual Boston University Conference on Language Development, Boston, MA.

Teaching Experience

2007, Fall PSYC-274 Statistics, Teaching assistant, Dept. of Psychology, USC

Work Experience

2009 Summer Data mining neuroscience literature sub-domains using Conditional random fields, Information Science Institute/USC

May 2008 - Feb 2009 Programmer for Ontonotes project, Information Science Institute/USC

2003 - 2006 Research assistant, Institute of Cognitive Science, Hunan University

2004 Instructor, NIIT Software Training Center, Changsha, China

2001 - 2003 Software Engineer, Feiling Intelligence System Integration Corp., Shenzhen, China

Projects

(Before USC)

2005 - 2006 Setup and Maintenance of the Event-Related Potential Laboratory

2005 - 2006 Computational Processing and Analysis for the Project "An Analysis of Distributional Information Relevant to Mandarin Syntactic Category in Speech to Young Children"

2004 - 2005	Computational Processing and Analysis for the Project "The Development of Tone in a Mandarin-Speaking Child"
2004 - 2005	Praat Script for the Project "The Pitch Contours of Infants Acquiring Tonal Target Languages: A Cross-Linguistic Study"
2004	Web-based Information Manage System for the School of Foreign Languages, Hunan University
2003 - 2004	Adaptive English Learning System
2003 - 2006	Linux Server and Equipment Maintenance
2002 - 2003	VON (Voice Over Net) Voice Chat ActiveX Control
2000 - 2002	CTTS Chinese Text to Speech System

Projects in Feiling Corp. (2001 - 2003)

Multimedia Authoring tool for teachers

The software of Urban Traffic Control System

Smart card one card solution system (including access control, payment and attendance subsystem)

MIS Development Platform (a RAD MIS development tool)

Certification

Certificated Senior Software Engineer by the Ministry of Information Industry, China, 2002

Computer Skills

C/C++	C#	PHP	Java
Windows Programming	Linux	MS Office VBA	Praat Script
Delphi	JavaScript	ASM	ActiveX/COM/DCOM
Visual Studio	Visual Basic/C++	Eclipse	DirectX
HTML, DHTML, XML	UML	ASP.NET	AJAX
SQL Server	MySQL	MATLAB	