

Xiaojia Zhao

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Objective and Research Interests

I'm a Ph.D. candidate at Department of Computer Science and Engineering at the Ohio State University. I'm looking for summer internship for 2012. My research interests include Artificial Intelligence, Robust Speaker/Speech Recognition, Speech Separation, Speech/Signal Processing, Machine Learning and Computational Auditory Scene Analysis.

Summary of Skills

- **Programming Languages:** Matlab, C / C++, Java and etc.
- **Operating Systems:** Linux and Windows
- **Academic Background:** Artificial Intelligence, Machine Learning, Speaker/Speech recognition, Signal Processing, Computer Architecture, Operating Systems, Algorithms Analysis and Design, Probability Theory, Linear Regression, Applied Multivariate Analysis

Work Experience

Graduate Research Associate

September, 2008 to January, 2012

The Ohio State University – Columbus, OH

Working with Professor DeLiang Wang on the research area of computational auditory scene analysis. Our main focus is on separating useful speech information from noise. At the same time, we perform robust speaker / speech recognition on the separated speech.

Education

09/2008 – 06/2014	The Ohio State University Ph.D. in Computer Science and Engineering (GPA: 3.94 / 4) Major: Artificial Intelligence. Minor: Signal Processing and Statistics	Columbus, OH, USA
09/2004 – 06/2008	Nankai University Bachelor in Engineering (GPA: 3.85 / 4. Rank 1 st / 152) Major: Software Engineering (Graduated with Distinction)	Tianjin, China

Honors and Awards

- First-Class Student Scholarship of Nankai University
- Excellent Student Leader Award of Nankai University
- Outstanding Student of Henan Province

Publications

- **X. Zhao**, Y. Shao, and D.L. Wang (2011): Robust speaker identification using a CASA front-end. *Proceedings of ICASSP-11*, pp. 5468-5471.
- A. Narayanan, **X. Zhao**, D.L. Wang, and E. Fosler-Lussier (2011): Robust speech recognition using multiple prior models for speech reconstruction. *Proceedings of ICASSP-11*, pp. 4800-4803. (The first two authors have equal contribution)
- **X. Zhao**, Y. Shao and D.L. Wang (2011): CASA-based robust speaker identification. Accepted by *IEEE Transactions on Audio, Speech and Language Processing*.