

YOUNGMIN CHO

Department of Computer Science and Engineering
University of California, San Diego
yoc002@cs.ucsd.edu

EDUCATION

2006– University of California, San Diego

Ph.D. in Computer Science and Engineering

- **Advisor:** Lawrence Saul
- **GPA:** 4.0/4.0

1997–2001 Seoul National University (Seoul, KOREA)

B.S. *summa cum laude* in Computer Science and Engineering

- **Advisor:** Byoung-Tak Zhang
- **GPA:** 4.17/4.3

RESEARCH INTERESTS

Artificial intelligence, machine learning, optimization.

PUBLICATIONS

Y. Cho and L. K. Saul (2009). **Kernel methods for deep learning**. To appear in Y. Bengio, D. Schuurmans, J. Lafferty, C. Williams, and A. Culotta (eds.), *Advances in Neural Information Processing Systems 22*.

Y. Cho and L. K. Saul (2009). **Learning dictionaries of stable autoregressive models for audio scene analysis**. In *Proceedings of the Twenty Sixth International Conference on Machine Learning (ICML-09)*, pages 169-176. Montreal, Canada.

Y. Cho and L. K. Saul (2009). **Sparse decomposition of mixed audio signals by basis pursuit with autoregressive models**. In *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP-09)*, pages 1705–1708. Taipei, Taiwan.

RESEARCH & INDUSTRY EXPERIENCES

2007– University of California, San Diego

Graduate student researcher, Prof. Lawrence Saul's Lab.

2005–2006 Biointelligence Lab, Seoul National University (Seoul, KOREA)

Research intern.

2001–2004 Neowiz Corp. (Seoul, KOREA)

Software engineer & project manager.

AWARDS & HONORS

2006–2010 Samsung Scholarship Award
Samsung Scholarship.

2006–2007 Excellence Award
Department of Computer Science and Engineering, University of California, San Diego.

2001 Seoul National University Alumni Association of the College of Engineering Award
(given for the first rank among Computer Science and Engineering graduates.)

1999– Samsung Frontiers Membership
Organization supported by Samsung to promote academic exchanges.

1999–2001 Excellent GPA Scholarship Award
Seoul National University.

SKILLS

Matlab, C/C++, Java, PHP, Perl, HTML, Oracle, LaTeX, Unix, Windows.