Seokhwan Kim

Pohang University of Science and Technology (POSTECH), Pohang, Korea

Ph.D., Computer Science and Engineering *February 2012*

Dissertation Topic: "Cross-Lingual Weakly-Supervised Learning of Semantic Relations"
Advisor: Gary Geunbae Lee
Committee: Jong-hyeok Lee, Seung-jin Choi, Seung-won Hwang, Sung-Hyon Myaeng

B.S., Computer Science and Engineering *August 2005*

Research Experience

Institute for Infocomm Research (I2R), Singapore

Scientist *January, 2012 - present*

COLDAR project, Developed components for multi-lingual natural language understanding and dialog management.
TIRS project, Developed components for natural language understanding and database query generation.

Max Planck Institute for Informatics (MPI-INF), Saarbrucken, Germany

Research Intern *April, 2011 - August, 2011*
Advisor: Prof. Gerhard Weikum

DIDO project, Developed a higher-order noun phrase chunker for recognizing bio-medical entities with environmental contexts.

Pohang University of Science and Technology (POSTECH), Pohang, Korea

Research Assistant *September, 2005 - December, 2011*
Advisor: Prof. Gary Geunbae Lee

Development of Dialog-based Question Answering System for TV contents, Dec 2010 - Oct 2011, LG Electronics. Developed components for robust natural language understanding.
Development of Content Recommendation System for Digital TV, Oct 2007 - Oct 2008, Samsung Electronics. Developed an automatic content feeding component for content-based recommendation algorithm.
Semi-supervised Information Extraction for Automatic Content Feeding in Information Access Dialog Systems, Apr 2007 - Mar 2008, Microsoft Research Asia. Developed an algorithm of semi-supervised information extraction.
Implementation of Dialog System Components to Upgrade Chatbot, May 2006 - Oct 2006, SK Telecom Co., Ltd. Developed components for natural language understanding and database management.
Development of Natural Language Dialog System for Database Search and Entertainment, Jul 2005 - Dec 2005, KT Corporation. Developed named-entity recognizer for natural language understanding.

Teaching Experience

Pohang University of Science and Technology (POSTECH), Pohang, Korea

Teaching Assistant *Spring 2010*
Professor: Gary Geunbae Lee

CS101, Introduction to Computing

Teaching Assistant
Professor: Byoung-kee Yi
    CS421, Database System

Spring 2006

Professional
Experience
Publications   **International Journals**

    International Conferences

Patents

Skills   **Programming Languages:** C, C++, Java, Perl, Python, Ruby
                    Operating Systems: Unix/Linux, Windows

References   Available upon request