

BASIC INFORMATION

Gender: Male

Date of Birth: July 1986

Nationality: Chinese

Email: liucs1986@gmail.com

EDUCATION BACKGROUND

Fall 2013 – Present	PhD student in Computer Science, University of Pittsburgh
Fall 2009 – Summer 2012	Master in Computer Science, Peking University, China
Fall 2004 – Summer 2008	Bachelor in Computer Science & Technology HuaZhong University of Science and Technology, China

WORKING EXPERIENCE

Fall 2012 – Fall 2013	Field Engineer, Schlumberger, base in Chad
Summer 2010 – Spring 2012	Internship of Webfront Software Engineer, Sogou, China
Summer 2008 – Summer 2009	J2EE Software Engineer, Travelsky, China

SKILLS IN COMPUTER SCIENCE

- Natural Language Processing, machine learning.
- Mobile software design, both apps and games.

PROJECT EXPERIENCE

- **Phrasal Substitution of Idiomatic Expressions** 2014/04 – present
 - Paraphrase idiom in a sentence using simple English words or phrases to improve the performance of machine translation.
 - The work is closely related to phrasal semantics, sentence paraphrase, sentence compression and sentence simplification.
- **Software Resources Quality Information Mining** 2010/11 – 2011/5
 - Using machine learning to identify comments from information collected from the Internet
 - Using Chi Square statistic and Dependency Grammar to extract quality aspects from comments

PUBLICATIONS

Liu, Changsheng, et al. "Finding the merits and drawbacks of software resources from comments." *Proceedings of the 2011 26th IEEE/ACM International Conference on Automated Software Engineering*. IEEE Computer Society, 2011.