

# Jun Seok Kang

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## EDUCATION

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### **Stony Brook University**

NY, USA

*Ph.D. Candidate* in Computer Science (GPA 3.64/4.0)

Sep. 2011 - Present

Advisor: Yejin Choi (Univ. of Washington) & Niranjan Balasubramanian (SBU)

Connotation lexicon, sentiment analysis, online review analysis, and controlled language generation

### **Yonsei University**

Seoul, Korea

*Master's degree* in Computer Science (GPA 4.23/4.5)

Mar. 2008 - Feb. 2010

Advisor: Seung Jae Han

Thesis: *Profile-based Network Selection Framework for Heterogeneous Wireless Network Environments*

*Bachelor* of Computer Science and Industrial System Engineering (GPA 3.40/4.5)

Mar. 1999 - Feb. 2007

## WORK-IN-PROGRESS

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### **Language Generation for Product Description**

Thanks to the advance of ML, machines now can generate readable sentences. But unlike human who can write sentences when given a list of talking points, machines cannot yet generate sentences based on the given list of materials. This project aims to generate product descriptions with a given list of features and target syntactic/semantic information via a model trained on the existing product descriptions.

## PUBLICATIONS

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*ConnotationWordNet: Learning Connotation over the Word+Sense Network.*

**Jun Seok Kang**, Song Feng, Leman Akoglu, Yejin Choi, ACL 2014

*Keystroke Patterns as Prosody in Digital Writings: A Case Study with Deceptive Reviews and Essays.*

Ritwik Banerjee, Song Feng, **Jun Seok Kang**, Yejin Choi, EMNLP 2014

*Where Not to Eat? Improving Public Policy by Predicting Hygiene Inspections Using Online Reviews.*

**Jun Seok Kang**, Polina Kuznetsova, Michael Luca, Yejin Choi, EMNLP 2013

*Connotation Lexicon: A Dash of Sentiment Beneath the Surface Meaning.*

Song Feng, **Jun Seok Kang**, Polina Kuznetsova, Yejin Choi. ACL 2013.

*Network selection for heterogeneous multi-service wireless networks.*

**Jun Seok Kang**, Seung-jae Han, LCN 2010

## EMPLOYMENT

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### **CA Technologies** NY, USA

Jan. 2013 – present

Intern (Senior Research Aide)

Prototyped /developed enterprise-level **log analysis framework, big data monitoring system** such as MongoDB, Cassandra, Greenplum and their managers

### **WINS Technet** Seoul, Korea

Sep. 2011 – Sep. 2014

Developed **Network Intrusion Detection & Intrusion Prevention System**

Analyzed newly reported vulnerabilities, carried several successful Benchmark tests as pre-sales

Led technical co-work with Intel, Sun Microsystems, and IBM

## TEACHING EXPERIENCE

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Internet Programming (2012 Summer/Fall), Discrete Mathematics (2011 Fall)

Object-oriented Programming (2008/2009/2010/2012 Spring), Mobile Networking (2009 Fall)