Lee Gyeongbok (이경복)

Master Candidate
Data Intelligence Lab, Yonsei University
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Research Interest

Question Answering, Text Representation, Commonsense Knowledge, Causality Understanding

Education

Sep 2016 - Current **Yonsei University**, Seoul, Republic of Korea
M.S. Candidate, Computer Science
Thesis: Explainable Machine Reading Comprehension Framework for Model Debugging

Mar 2013 – Aug 2016 **Yonsei University**, Seoul, Republic of Korea
B.S., Computer Science
Summa Cum Laude

Publications

[1] Visual Choice of Plausible Alternatives: An Evaluation of Image-based Commonsense Causal Reasoning
Jinyoung Yeo, **Gyeongbok Lee**, Gengyu Wang, Seungtaek Choi, Hyunsouk Cho, Reinald Kim Amplayo, Seung-won Hwang
Eleventh International Conference on Language Resources and Evaluation (LREC 2018)

[2] QADiver: Interactive Framework for Diagnosing QA Models
Gyeongbok Lee, Sungdong Kim, Seung-won Hwang
Thirty-Third AAAI Conference on Artificial Intelligence (AAAI-19, demonstration)
Video: https://youtu.be/V6c8nls6Qcc

Honors and Awards

Jun 2017 **KISTI President Award** for SW Implementation/Demo Contest
- at KCC 2017 conference (Domestic Competition)
- Topic: KB inference for Action-driven Chatbots

Apr 2017 **Top Winner** for BIG 2017 CUP Challenge
- at BIG 2017 conference co-located with WWW 2017 (International Competition)

Jun 2016 **Excellence Award** for Graduation Exhibition
- Dept. of Computer Science, Yonsei University
- Topic: Development of REST Service for Author-Paper Identification

Apr 2016 **Top Winner** for BIG 2016 CUP Challenge
- at BIG 2016 conference co-located with WWW 2016 (International Competition)

Nov 2015 **Excellence Award** for Graduation Exhibition
- Dept. of Computer Science, Yonsei University
- Topic: Web Framework Development for Comparison Analysis of
    Classification Methods in Sensor Data Stream

Teaching Experiences

2018 Spring **Teaching Assistant** in Yonsei University, Seoul
- In CSI4108: ARTIFICIAL INTELLIGENCE (Undergraduate)

2016 Spring **Student Tutor**
Tutoring Program in Yonsei University, Seoul
- Teaching CSI2109: INTERNET PROGRAMMING (Undergraduate)
- Awarded as the **Outstanding Tutoring Team**

2015 Fall **Student Tutor**
Tutoring Program in Yonsei University, Seoul
- Teaching CSI2102: OBJECT-ORIENTED PROGRAMMING (Undergraduate)
- Awarded as the **Outstanding Tutoring Team**

2015 Spring **Student Tutor**
Tutoring Program in Yonsei University, Seoul
- Teaching CSI2109: INTERNET PROGRAMMING (Undergraduate)
- Awarded as the **Outstanding Tutor**

Projects / Research Experiences

[1] Kcanotify – Viewer Application for KanColle Android (2016.12 – Current)
Google Play Store: https://play.google.com/store/apps/details?id=com.antest1.kcanotify
Github: https://github.com/antest1/kcanotify
Role: development (Android, PHP), UI design, user support

[2] Industry-academic cooperation project with NAVER (2016.8 – 2017.6)
Topic: Query Intention Representation using Deep Neural Networks
Role: model design and implementation (Keras/Tensorflow), experiment design

[3] Internship in NAVER Clova AI (2018.7 – 2018.10)
Topic: SQuAD 2.0, Debugging QA Model
Role: model design and implementation (PyTorch), build web framework (Bootstrap, Flask, etc)

Skills

Programming Languages	Python, C/C++, Java, HTML, CSS, Javascript, PHP, MySQL
Tools	Web Frameworks (Bootstrap, Flask) Deep Learning Frameworks (PyTorch, Keras, Tensorflow) Mobile Development Environments (Android SDK, Java)

Scholarships

[1] **Internal Scholarship** (Undergraduate, Yonsei University)
- Spring 2013, Spring 2014, Fall 2014 (3 times)
- Total Funding Amount: KRW 3,892,500

[2] **National Science and Technology Scholarship (KOSAF)**
- Fall 2013, Spring 2015, Fall 2015, Spring 2016 (4 times)
- Total Funding Amount: KRW 18,657,000

[3] **NAVER M.S Student Fellowship (2016)**
- Total Funding Amount: KRW 3,000,000

[4] **Internal Scholarship (Graduate, Yonsei University)**
- Fall 2016, Spring 2017, Fall 2017 (3 times)
- Total Funding Amount: KRW 24,628,000