

JuneYoung Lee



Master Student (<http://sf.snu.ac.kr/>), Supervisor : Prof. Chung-Kil Hur)

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Research Interest

Verified Validation, LLVM IR semantics

Publication

- Lee, J., Kim, Y., Song, Y., Hur, CK., Das, S., Majnemer, D., Regehr, J., Lopes, N., “Taming Undefined Behavior in LLVM” PLDI ’17 (accepted)
- Kim, H., Lee, J., Bhowmick, S., Han, W., Lee, J., Ko, S., and Jarrah, M., “DualSim: Parallel Subgraph Enumeration in a Massive Graph on a Single Machine,” In Proc. 42nd Int’l conf. on Management of Data, ACM SIGMOD, San Francisco, USA, June 2016.

Skills

LLVM, Coq, C++, Java

Education

2016.3- Software Foundation Lab, Seoul National University (<http://sf.snu.ac.kr>)
2014.9-2015.7 Database Lab, Pohang University of Science and Technology (<http://dmlab.postech.ac.kr>)
2010.3-2014.8 Pohang University of Science and Technology
Bachelor’s Degree, Majored in Computer Science and Engineering, Submajored in Life Science
Magna Cum Laude. Overall GPA : 3.77/4.3, Major GPA : 3.94/4.3

2007.3-2010.2 Daegu Science High School

Honors & awards

2017. Mar. - Graduate Student Scholarship. [Korea Foundation for Advanced Studies](#).
2016. Oct. Master Student Scholarship, NAVER.
2012 ACM-ICPC 2012 Asia Daejeon Regional, *5th Place*
Association for Computing Machinery, IBM
2012 POSTECH Undergraduate Research Program, *2nd Place*
Title : Feature Mining for Korean Dependency Parsing POSTECH
2011 POSTECH Programming Contest, *2th Place*
Dept. of CSE, POSTECH
2008 Intel ISEF 2008(Atlanta, Georgia) Finalist, *Special Award*
Title : An Approach to Elaborating Control Logic of Robots using Simulation and Machine Learning
Society of Science, Intel
2007 Korea Olympiad in Informatics : Software exhibition, *2nd prize*
National Information Society Agency(NIA)
2004 Korea Olympiad in Informatics : Software exhibition, *1st prize*
National Information Society Agency(NIA)

Invited Talks

2017. Summer Taming Undefined Behavior in LLVM, [SIGPL Summer Workshop 2017](#)

Teaching Experience

2017. Spring Teaching Assistant, [Principles and Practices of Software Development](#)
2016. Fall Teaching Assistant, [Programming Language](#)

Activities

- 2013 President in club POSCAT(POSTECH Computing Algorithms Team)
2012,2013 Judge in PPC(POSTECH Programming Contest)
2012 POSTECH Undergraduate Research Program
Subject : Feature mining in Korean Dependency Parsing
2012 summer Internship at [Buzzni](#)

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