

Byeongcheol Lee

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3357 Lake Austin Blvd. APT B
Austin, TX 78703

Interest

Analyses and systems for multi-lingual programs and Java virtual machines

Education

Ph.D. in Computer Sciences The University of Texas at Austin Advisor: Kathryn S. McKinley	Jun 2006 – Present Austin, TX
M.A. in Computer Sciences The University of Texas at Austin Advisor: Kathryn S. McKinley Thesis: Call Graph Correction Using Control Flow Constraints 4.00/4.00 GPA	May 2006 Austin, TX
B.E. in Computer Science and Engineering B.E. in Electronic and Electrical Engineering Pohang University of Science and Technology <i>Magan Cum Laude</i> 3.70/4.30 GPA	Aug 2004 Aug 2004 Pohang, Korea

Awards

Graduate Dean's Prestigious Fellowship, University of Texas at Austin (2008)
The Samsung Scholarship, Samsung, Korea (2006-2009)
Verizon Fellowship, Verizon (2005)
IT Scholarship, the Ministry of Information and Communication, Korea (2004-2006)
Honor Scholarship, Pohang University of Science and Technology, Korea (2003-2004)

Publications

B. Lee, M. Hirzel, R. Grimm, K. S. McKinley. **Debug All Your Code: Portable Mixed-Environment Debugging**. *ACM Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA)*, Orlando, October, 2009. 17% acceptance rate (25/144).

B. Lee, K. Resnick, M.D. Bond and K. S. McKinley. **Correcting the Dynamic Call Graph Using Control Flow Constraints**. *International Conference on Compiler Construction (CC)*, Braga, March, 2007. 23% acceptance rate (14/60).

B. Lee. **Call Graph Correction Using Control Flow Constraints**. The University of Texas at Austin, Department of Computer Sciences. Master's Thesis. May, 2006.

Skills

Java just-in-time compiler: Jikes RVM call graph profiling and inlining
Java debugger: Jikes RVM debugging agent
Programming languages: Java, C, JNI, bash and perl

References

Available upon request