

Marinus Pennings

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Education

PhD. in Computer Science, Texas A&M University at College Station, Spring 2005 - present.

MsC. in Computer Science, Delft University of Technology at Delft, 2002.
MsC. Thesis: *Alias Analysis for Java, Design and Evaluation*
Thesis advisor: Prof. Mary Jean Harrold, Georgia Institute of Technology

Research Interests

Optimizing compilers, parallel computations.

Experience

Graduate Research Assistant, Texas A&M University. (01/05 – present).

Research Scientist, College of Computing, Georgia Institute of Technology. (10/02 – 10/04)
Project: Alias Analysis for Java (dynamic/static), inter-procedural slicing (backward/forward, data/control/full), Java Architecture for Byte code Analysis (JABA)

Research Assistant, College of Computing, Georgia Institute of Technology. (2/00-9/02)
Project: Alias analysis for Java.

Publications

- L. Donglin Liang, Maikel Pennings. and Mary Jean Harrold, “Evaluating the precision of static reference Analysis using Profiling ”, in *Proc. of International Symposium on Software Testing and Analysis*, Rome, Italy, July 2002.
- M.J. Harrold, J. Jones, T. Li, D. Liang, A. Orso, M. Pennings, S. Sinha, S. Spoon, and A. Gujarathi , ”Regression Test Selection for Java Software.”, *Proceedings of the ACM Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA 2001)*, Tampa, FL USA, October 2001, pp. 312-326.
- Donglin Liang, Maikel Pennings, and Mary Jean Harrold, “ Extending and Evaluating Flow-Insensitive and Context-Insensitive Points-to Analyses for Java. ”, in *Proceedings of the ACM SIGPLAN-SIGSOFT Workshop on Program Analysis for Software Tools and Engineering (PASTE’01)*, June, 2001, Snowbird, Utah, USA, pp. 73–79.

Marinus Pennings’s Graduate Advisor: Prof. Lawrence Rauchwerger, Ph.D. Advisor.