

Pieter Hooimeijer

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- Research** My research interests lie primarily in static analyses of large-scale and distributed software.
- Education**
- University of Virginia** 2006 – Present
Ph.D. Student in Computer Science (current)
M.S. Computer Science (May 2008)
Adviser: Westley R. Weimer
- Colgate University** 2002 – 2006
Bachelor of Arts in Computer Science (May 2006)
Magna Cum Laude, Highest Honors in Computer Science
Alumni Memorial Scholarship
Outstanding Contribution to the Computer Science Community
Edward P. Felt Memorial Prize in Computer Science
- Publications**
- Pieter Hooimeijer, Westley Weimer:
A Decision Procedure for Subset Constraints over Regular Languages.
ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI 2009). Dublin, Ireland, June 2009. *To Appear.*
- Timothy Hnat, Tamim Sookoor, Pieter Hooimeijer, Westley Weimer, Kamin Whitehouse:
MacroLab: A Vector-based Macroprogramming Framework for Cyber-Physical Systems.
6th ACM Conference on Embedded Networked Sensor Systems (SenSys '08), pp. 225–238.
Raleigh, NC, November 2008. Acceptance rate: 16%.
- Adrienne Felt, Pieter Hooimeijer, David Evans, Westley Weimer:
Talking to Strangers Without Taking Their Candy: Isolating Proxied Content
First Workshop on Social Network Systems (SocialNets '08), pp. 25–30.
Glasgow, Scotland, UK, April 2008. Acceptance rate: 50%.
- Pieter Hooimeijer, Westley Weimer:
Modeling Bug Report Quality
22nd IEEE/ACM International Conference on Automated Software Engineering (ASE '07), pp. 34–43. Atlanta, GA, November 2007. Acceptance rate: 15%.
- Work Experience**
- Intel Corporation**, Santa Clara, CA Summer 2008
Graduate Research Intern
Researched the use of concolic testing methods to exploit software pipeline parallelism.
- University of Virginia**, Charlottesville, VA Fall 2006 – Spring 2007
Teaching Assistant
CS451 – Parallel Computing (Fall)
CS415 – Programming Languages (Spring)
- Colgate University**, Hamilton, NY Summer 2003, 2005
Research Assistant
Sponsored by two Colgate Summer Research Grants.
- Oak Associates, Inc.**, Boston, MA Summer 2004
Independent Contractor
Designed and implemented a graph layout algorithm for space efficient project management diagrams.