

# Harry C. Li

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## Education

**Ph.D.** Computer Science, The University of Texas at Austin, admitted 2002  
**Sc.B.** Computer Science, Brown University, 2002

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## Employment

9/04: **Graduate Research Assistant**,  
Department of Computer Sciences, The University of Texas at Austin  
6/04 – 8/04: **Research Intern**,  
Sandia National Laboratories, Livermore  
9/03 – 12/03: **Teaching Assistant**, Data Structures & Algorithms,  
Department of Computer Sciences, The University of Texas at Austin  
6/03 – 8/03: **Research Intern**,  
Microsoft Research, Mountain View  
6/01 – 8/01: **Computer Lab Consultant**,  
Department of Computer Science, Brown University  
9/01 – 12/01: **Head Teaching Assistant**, Models of Computation,  
Department of Computer Science, Brown University  
6/01 – 8/01: **Undergraduate Research Assistant**,  
Department of Computer Science, Brown University  
9/00 – 5/01: **Teaching Assistant**,  
Models of Computation and Data Structures & Algorithms,  
Department of Computer Science, Brown University  
6/00 – 8/00: **Software Engineer**,  
eCal, Northampton, Massachusetts

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## Honors

<b>James C. Browne Fellowship</b> ,	2008
<b>Microelectronics and Computer Development Fellowship</b> ,	2002–05
<b>NSF Graduate Fellowship Honorable Mention</b> ,	2002
<b>CRA Outstanding Undergraduate Award Honorable Mention</b> ,	2001
<b>Undergraduate Teaching and Research Assistant Award</b> ,	2001

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## Publications

1. Harry C. Li, Allen Clement, Mirco Marchetti, Manos Kapritsos, Luke Robison, Lorenzo Alvisi, and Mike Dahlin. “FlightPath: Obedience vs. Choice in Cooperative Services.” In *Proceedings of the 8th Symposium on Operating System Design and Implementation (OSDI’08)*, San Diego, CA, December 2008.
2. Federico Mari, Igor Melatti, Ivano Salvo, Enrico Tronci, Lorenzo Alvisi, Allen Clement and Harry C. Li. “Model Checking Nash Equilibria in MAD Distributed Systems.” In *Proceedings of the 8th Symposium on Formal Methods in Computer Aided Design (FMCAD’08)*, Portland, Oregon, November 2008.
3. Allen Clement, Harry C. Li, Jeff Napper, Jean-Philippe Martin, Lorenzo Alvisi, and Mike Dahlin. “BAR Primer.” In *Proceedings of the International Conference on Dependable Systems and Networks (DSN 2008), DCC Symposium*, Anchorage, Alaska, June 2008.
4. Harry C. Li, Allen Clement, Amitanand Aiyer, and Lorenzo Alvisi. “The Paxos Register.” In *Proceedings of the 26th IEEE International Symposium on Reliable Distributed Systems (SRDS ’07)*, Beijing, China, October 2007.
5. Lorenzo Alvisi, Jeroen Doumen, Rachid Guerraoui, Boris Koldehofe, Harry C. Li, Robbert van Renesse, and Gilles Tredan. “How Robust Are Gossip-Based Communication Protocols?” In *SIGOPS Operating Systems Review* 41, 5 (Oct. 2007), 14–18.
6. Étienne Riviere, Roberto Baldoni, Harry C. Li, and José Pereira. “Compositional Gossip: A Conceptual Architecture for Designing Gossip-Based Applications.” In *SIGOPS Operating Systems Review* 41,5 (Oct. 2007), 43–50.
7. Harry C. Li, Allen Clement, Edmund Wong, Jeff Napper, Indrajit Roy, Lorenzo Alvisi, and Mike Dahlin. “BAR Gossip.” In *Proceedings of the 7th Symposium on Operating System Design and Implementation (OSDI ’06)*, Seattle, WA, November 2006.
8. Harry C. Li, Shriram Krishnamurthi, and Kathi Fisler. “Interfaces for modular feature verification.” In *Proceedings of the 17th IEEE International Conference on Automated Software Engineering (ASE’02)*, Washington, DC, USA, 2002. IEEE Computer Society.
9. Harry Li, Shriram Krishnamurthi, and Kathi Fisler. “Verifying cross-cutting features as open systems.” In *SIGSOFT Software Engineering Notes*, 27(6):89–98, 2002.
10. Harry C. Li, Shriram Krishnamurthi and Kathi Fisler. “The Influence of Software Modules on Modular Verification.” In *Proceedings of the 9th International SPIN Workshop on Model Checking of Software (SPIN’02)*, pages 60–78, Grenoble, France, April 2002.

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## Technical Reports

1. Amitanand S. Aiyer, Lorenzo Alvisi, Allen Clement, and Harry C. Li. “Information-Theoretically Secure Byzantine Paxos.” The University of Texas at Austin, Department of Computer Sciences. Technical Report TR-07-21. May 18, 2007.
2. Harry C. Li, Lorenzo Alvisi, and Allen Clement. “The Game of Paxos.” The University of Texas at Austin, Department of Computer Sciences. Technical Report TR-05-24. May 16, 2005.