

# Ali Ibrahim

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<b>Objective</b>	Performing research in programming languages, software engineering, and machine learning fields.
<b>Education</b>	<p><b>University of Texas at Austin</b> (Austin, TX) Pursuing PhD in Computer Science. <b>Current GPA:</b> 4.0/4.0</p> <p><b>Massachusetts Institute of Technology</b> (Cambridge, MA) Masters of Engineering in CS/EE, September 2002, <b>Cumulative GPA:</b> 4.7/5.0. <b>Massachusetts Institute of Technology</b> (Cambridge, MA) <b>Cumulative GPA:</b> 4.6/5.0, B.S. in Computer Science and Electrical Engineering and B.S. in Economics, 1997-2001.</p>
<b>Publications</b>	<p>B. Wiedermann, A. Ibrahim , W. Cook, "<a href="#"><i>Interprocedural Query Extraction for Transparent Persistence</i></a>," <b>OOPSLA 2008</b>.</p> <p>A. Ibrahim and W. Cook, "<i>Automatic Prefetching by Traversal Profiling in Object Persistence Architectures</i>," <b>ECOOP 2006</b>.</p> <p>A. Ibrahim and B. Katz and J. Lin, "<i>Extracting Structural Paraphrases from Aligned Monolingual Corpora</i>," <b>IWP 2003</b>.</p>
<b>Teaching Experience</b>	<p><i>Teaching Assistant</i></p> <p>Fall 2007, UT Austin: Programming Languages Honors (CS345H) Fall 2004 and Spring 2005, UT Austin: Algorithms (CS315) Spring 2004, UT Austin: Elements of Software Design (CS 313e) Fall 2001, MIT: Digital Lab (6.111)</p>
<b>Work Experience</b>	<p><b>IBM Research</b> (Researcher, full time: Summer 2007, Hawthorne, NY) Explored adding a query language similar to LINQ to Java.</p> <p><b>Adlucent</b> (Software Developer, full time: Summer 2006, Austin, TX) Designed and implemented price comparison website using J2EE technologies. Implemented tool for importing product data from large data feeds and error detection/correction. Implemented product search engine.</p> <p><b>Vecna</b> (Software Developer, full time: January 2003 - December 2003, College Park, MD) Built J2EE health-care applications using several different technologies including Oracle, PostgreSQL, OC4J, Struts, Hibernate, and Velocity. Successfully lead development effort for patient safety incident application managing 5-7 person development team.</p> <p><b>Microsoft</b> (Software developer, summer of 2000, Redmond, WA) Implemented C# documentation management tool. Used Visual C++ as developing environment and C#, JavaScript, ASP, Microsoft SQL Server, and XML/XSLT to build the documentation tool. Wrote specification and architecture documents.</p>
<b>Awards / Honors</b>	<p>2007 Student faculty recruiting committee 2006 J.C Browne Fellowship 1996 National Merit Scholar</p>