

Ali Ibrahim

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Objective	Software Engineer in a project related to databases, programming languages, or software design.
Education	<p>University of Texas at Austin (Austin, TX) Pursuing PhD in Computer Science. Current GPA: 4.0/4.0</p> <p>Massachusetts Institute of Technology (Cambridge, MA) Masters of Engineering in CS/EE, September 2002, Cumulative GPA: 4.7/5.0.</p> <p>Massachusetts Institute of Technology (Cambridge, MA) Cumulative GPA: 4.6/5.0, B.S in Computer Science and B.S. in Economics, 1997-2001.</p>
Work Experience	<p>IBM Research (Researcher, full time: Summer 2007, Hawthorne, NY) Explored adding a query language similar to LINQ to Java.</p> <p>Adlucent (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>Vecna (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>AI Lab (Undergraduate/Graduate Research Assistant, Infolab Group: 1998-2002, Cambridge, MA): Developed parts of the database front end (Omnibase) currently used by START (www.ai.mit.edu/projects/infolab). Designed and built a relational text information retrieval system.</p> <p>Microsoft (Software developer, summer of 2000, Redmond, WA) Developed C# documentation management tool using C++ and SQL Server.</p>
Skills	<p>Programming skills: Proficient in C, Java (J2EE, Hibernate, Struts), C#, SQL, Scheme, and VHDL. Experience with Scala, C++, JavaScript, ASP, Perl, Pascal, Basic, Lisp, Haskell, and ML.</p> <p>Computer System skills: Experience with UML modeling for both business process engineering and program design. OS experience includes Windows and Unix specifically Solaris and Linux.</p> <p>Business and Economics skills: Experience using statistical tools such as STATA. Comfortable in Word, PowerPoint, and Excel.</p> <p>Language skills: Native speaker of English and Arabic. Studied French for 3 years.</p>
Awards	<p>J.C. Browne Fellowship National Merit Scholar finalist, NJ Governor's School of Science, combined 1600 SAT.</p>
Publications	<p>Interprocedural Query Extraction for Transparent Persistence. OOPSLA 2008. Automatic Prefetching by Traversal Profiling in Object Persistence Architectures. ECOOP 2006. Extracting Structural Paraphrases from Aligned Monolingual Corpora. IWP 2003. Omnibase: Uniform Access to Heterogeneous Data for Question Answering. NLDB 2002.</p>
Interests	Four letter varsity as a foil fencer at MIT. Enjoy playing golf, basketball, table tennis, and board games.