

# Brian Leonard

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## Work Experience

Aug. 2004 – Present	<b>IBM</b>	Software Engineer	Westford, MA
<ul style="list-style-type: none"><li>• Developing new features and fixing bugs for the Lotus Notes client</li><li>• Responsible for large functional areas including search, document load/save, images, and spell check</li><li>• Integrating third-party applications with Eclipse-based Lotus Notes architecture</li><li>• Supporting the business needs of Notes customers through enhancements and fixes</li><li>• Creator and lead developer of Lotus Notes plug-in for Google Desktop</li></ul>			
Jan. 2004 – May 2004	<b>IBM</b>	Extreme Blue	Austin, TX
<ul style="list-style-type: none"><li>• Worked with a small team to develop a grid computing management environment for Tivoli suite</li><li>• Built tools for grid workload and bandwidth monitoring and usage prediction</li><li>• Facilitated grid scheduling, provisioning, and security through web services</li></ul>			
Jun. 2002 – Aug. 2002	<b>Samsung America</b>	IT Assistant	New York, NY
<ul style="list-style-type: none"><li>• Responsible for maintenance, upgrades, applications and content of 112 public PC and Mac computers</li><li>• Tested and implemented new user tracking and point of sale software</li></ul>			
Jan. 2002 – May 2002	<b>Intel Corporation</b>	Information Architect	Chandler, AZ
<ul style="list-style-type: none"><li>• Took lead architect role for creation of Corporate Quality Networks Data Warehouse</li><li>• Created product requirements, specification, high-level design and other PLC documents for project</li><li>• Designed and implemented metadata management system</li></ul>			
Jan. 2001 – May 2001	<b>Siemens ICN</b>	Response Support Team	Boca Raton, FL
<ul style="list-style-type: none"><li>• Developed a web-based searchable documentation system used by telephone switch installers in the field</li><li>• Created and managed intranet tools now used daily by support team in home office</li><li>• Produced a secure task logging system for increased efficiency and necessary for ISO 9001 compliance</li></ul>			

## Education

2006 – Present	<b>Northeastern University</b>	MBA	Boston, MA
<ul style="list-style-type: none"><li>• High-tech focused program studying innovation, marketing, management, and accounting</li></ul>			
1999 – 2003	<b>Clemson University</b>	BS Computer Engineering	Clemson, SC
<ul style="list-style-type: none"><li>• Software Engineering, Security, Algorithms and Data Structures, Operating Systems, Computer Organization</li></ul>			

## Research

### Run-time Reconfigurable Architecture

- Engineered and wrote software package for the placement decisions of hardware instantiated FPGA modules

### Center for Advanced Engineering of Films and Fibers

- Created XML parsing and translation tool that produces graphical imaging of fiber processing data
- Modified and improved web Java Servlet interface to Octave and gnuplot tools for visualization
- Python wxWindows application interfacing polymer physics Fortran code

## Technology

- Interests – Collaboration, Publishing, Communities, User interface and experience, Customized search
- Code – Java, PHP, C/C++, ASP, SQL, VB, UML
- Components – Eclipse plug-ins, Drupal modules, Firefox plug-ins, Desktop gadgets and plug-ins
- APIs – Eclipse, JFace, SWT, Lotus Notes, Windows
- Technologies – XML, Web Services, RSS, Atom, CMS
- Tools – Eclipse, Visual Studio, CVS, Rational, Tivoli, Wiki
- Database – MySQL, Lotus Notes, MS SQL, MS Access, Embarcadero ERStudio