

- Objective** A full-time job where I can work together with smart, fun people on important technical problems.
- Education**
- University of California, Berkeley**
Ph.D. in Computer Science, Expected September 2008; GPA: 3.92
- University of California, Berkeley**
Master of Science, Computer Science, May 2006; GPA: 3.96
- University of Texas, Austin**
Bachelor of Science, Computer Engineering, May 2003; GPA: 3.96
- University of Texas, Austin**
Bachelor of Arts, Plan II Liberal Arts Honors, May 2003; GPA: 3.96
- Experience**
- Apple Computer** *Systems Engineer*
Cupertino, California **October 2003 – July 2004**
Helped design and develop iMac G5, Powermac G5, and XServe G5. Created system validation tools for processors, northbridge, and DDR interface. Assisted VLSI design team in developing next-generation chipsets.
- Schlumberger** *Java Research Intern*
Austin, Texas **May 2001 – August 2001**
Expanded the Java Card platform by implementing Java Remote Method Invocation in a smart card environment. Analyzed and influenced standards proposals and implemented new Java technologies to test their viability. The results of my work have been incorporated into the Sun Microsystems Java Standard version 1.4
- Microsoft Corporation** *Program Manager Intern*
Redmond, Washington **May 2000 – August 2000**
Designed and managed software and product features for Networking Infrastructure and Remote Access groups. Supervised developers and testers to ensure project completion. Created and deployed technical specifications for new product features. Reviewed and arbitrated new feature concepts, code, and execution.
- University of Texas at Austin** *Internet and Security Specialist*
Austin, Texas **September 1999 – June 2003**
Designed, developed, and deployed database-powered (ColdFusion/MSSQL) internet applications. Designed and audited network and computer security systems for the College of Engineering.
- Skills**
- Programming Languages:** Python, MATLAB, C, C++, Java
Operating Systems: Linux, MacOS X, [Open/Net]BSD, Windows
Software and Frameworks: Django, Javascript/XHTML, MySQL, Apache, PHP
- Publications**
- Aggressive Tetrahedral Mesh Improvement*, IMR 2007
Fluid Animation with Dynamic Meshes, ACM SIGGRAPH 2006
Fluids in Deforming Meshes, Symposium on Computer Animation 2005
Animating Gases with Hybrid Meshes, ACM SIGGRAPH 2005
- Awards**
- National Science Foundation Graduate Research Fellow
UC Berkeley Graduate Fellow
Phi Beta Kappa and Tau Beta Pi Electee
- Citizenship** US Citizen