

Jordan M. Alperin

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Education

Massachusetts Institute of Technology

Cambridge, Ma. '02 – '03.

Masters of Engineering. Computer Science and Electrical Engineering received September 2003. 4.4/5.0 GPA.

Relevant course work: Machine Learning; Distributed Applications; Network Optimization, Managerial Psychology; Negotiation.

Research Associate Work: <http://icampus.mit.edu/iMOAT/>

Massachusetts Institute of Technology

Cambridge, Ma. '98 – '02.

Bachelors of Science. Computer Science and Electrical Engineering received June 2002. 4.0/5.0 GPA.

Relevant course work: Communication, Control, and Signal Processing; Computer System Engineering; Artificial Intelligence; Structure and Interpretation of Computer Programs; Computer Structure and Architecture; Microelectronic Devices and Circuits; Circuits and Electronics; Signals and Systems; Probability and Statistics in Computing; Communicating in Cyberspace; Linear Algebra; Differential Equations;

Hawken School

Gates Mills, Oh. '94 – '98.

Work and Leadership Experience

Digg Inc.

San Francisco, Ca. Apr '08 – present.

Software Developer. Worked with teams to continue to scale and develop digg.com's internet infrastructure. Developed and implemented Digg's javascript/css loader and compressor. Rewrote all javascript on site (now 60% smaller, all the same functionality). Worked on Facebook Connect implementation. Lead front-end optimization efforts. 3rd party integration specialist.

Rexee Inc.

San Mateo, Ca. Jul '07 – Feb '08.

UI Lead. Responsible for Product / Project Management and Frontend Developer duties. Managed a team of 4 to redesign and build an online video aggregation site. Architected and deployed a scalable web infrastructure supporting hundreds of thousands simultaneous users. Optimized web site code for SEO. Worked with business to develop products name, logo, and design.

Cisco Systems, Inc (formerly Reactivity Inc.)

San Jose, Ca. '06 – Jul '07.

Senior Engineer. Development and testing of high performance HTTP and XML parsing stacks. Updated existing web management application from Struts to MVC architecture, adding many AJAX based user interaction improvements.

Id345.org/com

Denver, Co '05 – May '07.

Developer and Coach. Joined a local group of tech heads where we meet weekly to brainstorm about new ideas and work on our existing projects (www.id345.org). Team ages ranged from 16 – 33 and contained varied skill sets. Each week a presentation was given, and mentoring and coaching was provided for those that ask. My presentations include: AJAX, Schema Design and Normalization, Python, PHP and Shell Scripting. (www.id345.com) Pocketfuzz (Ringtones, Wallpapers, Phone Screen Savers), Mobiom (SMS Payments), Radius (SMS Marketing), Vicinite (Location based services).

Qwest Communications International Inc.

Denver, Co. '03 – '06.

Lead Engineer. Team XP development and design of inventory management system that consolidated five legacy systems into one. 2 terabyte dataset search. Project saved Qwest \$80MM/year. Lead Developer for the repair management section of qwest.com. Designed Qwest's next generation convergent network platform with goal of providing all of Qwest's services in a layer independent of 3rd party vendors (Call Control, Voicemail, Email, VoIP, POTS, SMS, IM, and IPTV). Responsibilities included: requirements gathering, high-level estimation, code architecture, DB design, coding, documentation, testing, code release and production support. All codebase's implemented enterprise-level logging, instrumentation, alarming, and statistics gathering. Completed 12 patent applications. Led technical negotiation of 300 mil Qwest-ISP multi-year partnership contract. Responsible for hiring and training of 6 other team members to grow the convergent network team.

Massachusetts Institute of Technology (Microsoft)

Boston, Ma. '02 – '03.

Developer and Architect. Designed, developed and maintained iMOAT (iCampus / MIT Online Assessment Tool – Co-venture between Microsoft and MIT on a pre-release version of .NET) <http://web.mit.edu/imoat>. The site was used by 15,000 students at 15 different universities to submit essays over the summer. Created Research Database. Sole developer for site (direct client interaction, requirements gathering, architecture, development, testing, environment / hosting facility selection and setup). Generates \$1.5Mil/year for MIT.

Cambridge Network Security

Cambridge, Ma. 5/02 – 10/02.

Junior Technician. Responsible for penetration testing and network security assessment for clients. Focused on client interaction during sales and testing period.

Empirix Inc.

Waltham, Ma. '01 – '02.

Software Developer. Developed and implemented the localization and globalization of E-Tester (web load testing software). Designed a 10 times more scaleable virtual user for web load software. Continued work throughout school year.

Zefer Corporation

Boston, Ma / San Francisco, CA '99 – '01.

Lead Software Developer. Worked with teams to produce products totaling 20 million dollars income. *MoveCentral.com* (change of address service; planning calendar; moving tips/hints; bought out by Move.com), *WineBid.com* (Wine auction site; full e-commerce), *Greenlight.com* (versions 1.0 and 2.0, online sale of automobiles; bought out by Amazon.com), *Buyerzone.com* (comparison shopping site), *RetailExchange.com* (online retail liquidation site). Contributed to all aspects of project including system design and implementation, database architecture, web page production, marketing strategy, and quality assurance.

Technical Skills

Programming Languages: PHP, Java 2; JavaScript; C#; Python, Perl; C/C++; Visual Basic; PL/SQL; MSSQL; Ruby, ActionScript; PASCAL; Assembly; Cold Fusion; XML; XSL; AJAX, DHTML (z-layer affects, reactive objects, from emulation, etc.); SOAP; AppleScript, etc.

Packages/Tools/Patterns: JSP, Servlet, Spring, iBatis, MVC, EJB, JMS, ANT, XPath, JsUnit, JUnit, HttpUnit, NUnit, JMeter, CVS, SVN, Git

Operating Systems: Microsoft Windows 9x/NT/2000/XP/.NET Server; Macintosh (9.X, 10.X); UNIX; Solaris, Linux; DOS; BeOS.

Application Servers: BEA Web Logic, Apache Tomcat + JBoss, Microsoft ASP.NET Framework.

Other Skills: Database Design / Data Normalization; Web Server Administration; Photoshop (Ver. 5-CS3); Flash (Ver. 4-9); MS SQL server (Ver. 6-2005); Oracle Enterprise (Ver. 8i-10g); MySQL (Ver. 4-5); Computer assembly; Computer networking; Bus services, Web services, P2P Networking, SMS, MMS, WAP; VoiceML; Firewall configuration.
