

Adam L. Beberg

OVERVIEW

- 12 years of business and project management, 15 years of professional software engineering, 23 years of programming.
- Featured speaker at numerous computer security and distributed computing lectures and conferences (C.V. available).
- Stories covering my company and projects by Forbes, Fortune, CNN, Wired, Scientific American, and others.
- Honored as one of the MIT Technology Review's TR100 top young innovators of 1999.

EDUCATION

Stanford University

Computer Science PhD Program, 2004-present.

Illinois Institute of Technology

Bachelors of Science, Computer Engineering, 1996. Additional year of work in masters of Computer Science program.

EXPERIENCE Overlapping time periods are accurate.

Lead Developer - Mithral Communications & Design Inc. - June 1995 to Present.

Work with many clients during full project life cycle from requirement gathering to rollout, designing new systems and modernizing legacy systems. Manage employees as well as independent programmers, designers, and artists. Began as an Internet consulting business focused on web site design and e-commerce. Currently Mithral focuses on the Cosm distributed computing tools.

Technologies: C, C++, Java, Perl, Python, UML, PKI, Windows, UNIX, OS X, Apache, IIS, MS SQL, XML, ASP, VB, ColdFusion.

Software Engineer - Identix - February 2004 to December 2004.

Maintenance and development for the Live Scan line of fingerprint scanning biometric systems. Primary role as jack of all trades in bug fixing, customer feature additions, GUI development, new hardware integration, and migration to a new .NET architecture.

Technologies: C, C++, .NET, REXX, Biometrics

Software Engineer - Network Appliance - November 2000 to April 2001.

Implemented testing infrastructure and testing tools for the development and verification of the company products. These tools were then rolled out company-wide for all development and QA testing automation.

Technologies: Perl, C, Perforce, NAS, Clustering, Solaris, OSF/1.

Software Engineer - StorageTek - August 1999 to November 1999.

Worked on the design and implementation of an on-demand disk allocation system for servers in a Storage Area Network. The project resulted in a fully fault-tolerant system for dynamic enterprise storage deployments.

Technologies: Python, Java, XML, PostgreSQL, Solaris, Linux, SAN, Volume Managers, Veritas, ISO 9000.

Founder and President - Distributed Computing Technologies Inc. - May 1997 to May 1999.

Management and direction of distributed.net - a non-profit 50,000 member, 80,000 node global network of people and computers.

Organization goal was the promotion of distributed computing technology and government removal of export restrictions on the use of strong encryption. We won. Oversight of approximately 30 developers, and design of the software architecture.

Software Engineer - Peterson Electro-musical Products Inc. - June 1997 to April 1998.

Developed embedded system for pipe organs designed to control the organ as well as act as a fully functional MIDI device. Design was based on the Motorola 68k family of processors and a real-time kernel.

Technologies: C, C++, MS-Project, 68k and HC11 assembly, Real-time kernel, inline emulators, circuit and board layout tools.

Webmaster - Illinois Institute of Technology - August 1996 to August 1997.

Maintenance and redesign of the IIT web site. Managed the web servers and related resources on the campus and helped in the development of university web policy. Web servers ran NT and IRIX.

Technologies: C, C++, Perl, SQL, Windows NT, IRIX, Solaris, Linux, Apache, IIS.

Programmer - Educational Technology Center - September 1992 to October 1994.

Design and conversion of a MSDOS based quizzing system to a Windows GUI based one with a Paradox backend. Assisted in the maintenance of a Novell Network (v. 2.2 to 3.11) and oversaw daily server operations.

Technologies: C, C++, Borland, Windows 3.1, Novell, Paradox.

KEYWORDS

C, C++, Java, Python, Perl, REXX, SQL, HTML, XML, VB, ASP, PHP, RPC, IIS, ColdFusion, SAN, NAS, TCP/IP, IPv6, Cocoa, OpenGL, 68k and x86 ASM, Shell script, PKI, PKCS, PGP, Unicode, UML, n-tier, ISO 9000, MS Project, CVS, Perforce, MS SQL, PostgreSQL, Oracle, Windows, NT, OS X, Linux, SunOS, Solaris.