

ROBERT J. FLEISCHER

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Creative engineer, technology analyst, and project leader with a proven track record for evaluating, evangelizing, and applying new technologies. Technical strengths include system architecture, testing, mobile and wireless computing, multimedia, video, and web-based knowledge management systems. Excellent written and oral communication skills; experienced speaker and instructor. Skilled at organizing and leading cross-functional teams. Innovative; awarded US patent 5960383.

EXPERIENCE

Duxbury Systems (Nov 2005-present) Senior Testing Engineer

Test engineer for a small and well-established software firm. Responsibilities include all aspects of testing: developing a software testing plan, selecting test tools and methods, evaluating problem reports, establishing and managing a multiplatform testing lab, developing automated tests, testing new releases, developing regression tests, and confirming problem fixes. The testing is conducted on every major version of Windows since Windows 98 through Vista and Server 2008.

Massachusetts Citizens for Voting Integrity (Nov 2004-present) Computer security and testing consultant

Computer technologist for a volunteer citizen's group advocating reforms in election procedures and laws. Lobbying the US House and Senate as well as the Massachusetts state legislature – helped write H671 Audits Of Election Results and H670 Secure Voting Equipment. Investigating electronic voting problems. Writing papers and lecturing before election officials and citizen groups.

Innovation Merchants (2003-2005) Development Manager

Engineering manager for a software startup developing a secure peer-to-peer communication platform for mobile applications. Manage up to 5 programmers. Write and maintain engineering plans. Track progress against schedule. Determine test and configuration management plans. Conduct code reviews. Part of a management team that worked on business plans, marketing, and venture capital issues.

National Youth Leadership Forum on Technology (June-July 2005) Faculty Advisor

Guiding 25 high school students through a ten day technical career curriculum and multiple project-based activities; leading and facilitating discussions and simulations; assisting with security, safety, and other logistics.

Hewlett-Packard/ Compaq/ Digital Equipment Corporation (1978-2002)

Senior Member Technical Staff (1999-2002)

Technology Leadership Group, Professional Services

- On behalf of the CTO of Compaq Professional Services (a 10,000-person worldwide organization), transformed a few isolated field resources into a unified, trained, and

supported worldwide team capable of specifying and delivering the most complex and demanding wireless applications.

- Planned and directed the implementation of a complete knowledge transfer program; established a knowledge management portal for wireless technology.
- Worked with vendors and customers; technical expert for sales and customer delivery.
- Directed development and delivery of online and instructor-led training to over 1000 students; wrote and taught technical courses for wireless products and technologies (e.g., WAP, Nokia WAP Server, 802.11b, Wireless LAN Security, etc.)

Consulting Software Engineer

(1995 – 1999)

Application and Integration Technologies, Professional Services

- Videography and video editing for technical training -- delivered technology training worldwide via intranet, training hundreds of students without travel costs.
- Consultant and integrator for Windows Media streaming media applications; Retrieval software; World Wide Web site design and implementation.
- Wrote and taught technical courses for web and knowledge management products (e.g., Netscape Servers, AltaVista Search)

Consulting Software Engineer

(1988 - 1995)

- Led team that defined how to use the World Wide Web for corporate information delivery at Digital. As a result of my work a 50 person-year implementation project was reduced to 5 person-years through the application of standard Internet technologies.
- Design and development of information retrieval, text processing, and "groupware" software, including a patented linguistics-based text summary generator, see US patent 5960383.

Manager of Architecture and Advanced Development

(1984 – 1988)

- Management of 5 person engineering team developing the next generation of PC system software; architectural designer for PC user interface and online documentation.

Consulting Software Engineer

(1978 – 1984)

- Embedded software (firmware) development for educational and graphics applications

Martin Marietta Aerospace, Denver, CO; Senior Engineer

(1977 – 1978)

MITRE Corporation, Bedford, MA; Member of Technical Staff

(1971 – 1977)

AFFILIATIONS

IEEE, IEEE Computer Society

EDUCATION

MS, BS -- Massachusetts Institute of Technology
Major: Computer Science and Electrical Engineering