Michael D. Barker, PMP

9 Hawthorne Place 11N, Boston, MA 02114   617.723.8788

Summary of Qualifications

Project Manager with expertise in educational technology, software development, and computer networks . Extensive cross-cultural experience in Japan, including five years in a Japanese company. Strong oral and written communication, organization and presentation skills. Experienced course instructor for licensed project management courses, and have developed training courses in programming languages and skills. Full life-cycle experience, from initial requirements definition through timely delivery of working products to field sales, support and upgrades. U.S. Citizen, have held security clearances, E.B.I. not currently active. Speak Japanese, French, and German.

I have a Japanese permanent visa (？？？？？) so I can live and work in Japan.

Education

Project Management Professional (PMP) Certification, 1999, 2003 PMI

Project Planning and Organization, Oak Associates, Lexington, MA, 1999 Certified Trainer.

Post-Graduate Courses: *Database Design, Protocols* 1978 - American Universit y, Washington, D.C.

M.A. *Mass Communication,* 1976 - University of Maryland, College Park, MD (High Honors)

B.A. *Philosophy and Mathematics*, 1973 - University of Maryland, College Park, MD (Highest Honors)

Professional Affiliations

Project Management Institute: National and Mass Bay Chapters
ACM
IEEE Computer Society

Professional Experience and Accomplishments

Massachusetts Institute of Technology (MIT), Cambridge, MA

Senior Analyst and Head, Technical Operations, *Academic Media Production Services* 2002-Present
* Project Leader, Stellar Learning Management System services provided to all academic work at MIT
* Direct integration with MIT enterprise services, such as Information Systems service and support, Registrar, MIT Libraries
* Organize and direct the software development and operations team for web and multimedia infrastructure.

Acting Director and Senior Project Manager, *Educational Media Creation Center* 1999-July, 2002
* Organize, staff and create the center for production and support of web-based educational initiatives at MIT
* Technical leader of the effort to analyze and develop a scalable, sustainable approach to providing web-based course support for all MIT faculty
* Project Manager for the SMA Technical Team providing technical support to the Singapore-MIT Alliance, a project conducting graduate level courses via videoconferencing over I2 plus extensive web-based support

Senior Systems Programmer: *Information Systems*   1994-1999

* Member of three-person core team leading IS through Strategic Planning effort.
* Organize and coordinate team leader mutual development forum.
* Organize a framework for the IS strategic project to provide Windows 2000 as a centrally managed system for MIT faculty, staff, and students.
* Manager for the software release engineering of Unix-based computing facilities being provided to MIT faculty, staff, and students.
* Organized and led a number of teams to deal with various projects.
* Coordinated student hiring and organization.

Cosmo Information Center, Osaka, Japan   (Computer Subsidiary, Stock Brokerage)
Acting Director   1989-1994

* Lead Strategic Planning effort in preparation for worldwide network.
* In-house consultant for corporate transition to networking and workstations.
* Organize, train, and manage two new business teams focusing on workstations, Unix, and other new technologies. One team was in Tokyo, one in Osaka.
* Develop and conduct courses in Japanese on workstation use, Unix, C, X windows, RPC, client-server, and other new technologies.

Bolt, Beranek, and Newman (BBN), Cambridge, MA and Tokyo, Japan
Project Manager, Sales Technical Support, Local Support Manager   1984-1989

* Project Manager for software development on a custom MC680x0 parallel processing network device (the IPLI project).
* Technical Consultant for the first BBN field sales office in Japan (Two person office, opened in 1986)
* Responsible for technical support during sale, installation, and operation of networks at KDD and JAL.
* Local Support Manager during installation and testing of the JAL network, working at their offices.

RCA, Camden, NJ
Unit Manager, Lead Technical Investigator   1982-1984

* Managed four simultaneous projects, including software development for a voice digital signal processing system using LPC-10E.
* Manager for a five-person software team developing microcode in parallel with hardware development.
* Negotiated file structure and host computer interfaces for prototype optical disk system with customers.
* Lead technical investigator in IR&D analysis and preliminary design of network communications protocols for BLACKER.

Inco, Inc., Tyson's Corner, VA
Systems House - Project Leader; Systems Analyst; Software Programmer   1977-1982

* Technical manager and lead engineer for a project developing, installing, and operating a spreadsheet and integrated CODASYL database on a custom microcomputer system.
* Co-designer and implementer of a terminal handling system for the Army Project ASSIST, standardizing software for use around the world on PDP-11/70 running IAS.
* Design and coding of multitasking operating system, operating system extensions for networking, simulations, system utilities and applications programs in assembly code.

Selected Publications And Presentations

"Teaching the World How to Drink from a Firehose…and Enjoy It!" Keynote presentation, Ubiquitous Computing Conference, Waseda University and Nihon Joshidai, *November 2002*

"Learning From the Web Up" presented at Waseda University, *May 2002*, and at NIRO (New Industry Research Organization), Kansai Electric, and Sumitomo Electric

"Learning From the Web Up" presented at Shizuoka University, *Feb. 2002*, and at Canon and NEC

"Open Knowledge Initiative" by Michael Barker and Phil Long, presentation at Common Solutions Group, a consortium of higher-education CIOs, *May 2001*

"How Much Is 10 Percent Worth?" by Michael D. Barker, PMP, and John M. Nevison, PMP PM Network, April 2000, pp. 61-66 (PM Network is the professional magazine of the Project Management Institute, which is distributed to over 60,000 members worldwide.)

"Half-Truths of the Web", presented in Japan to Mitsui, Shin Nitetsu, Menicon, Matsushita in *April 2000* and at MIT in *May 2000*

"Why Technology is NOT Changing Education" presented during Family Weekend at MIT, *Oct. 21, 2000*

Recent Workshops and Short Classes include:

Project Planning and Organization: Introduction to Project Management, at least twice per year since 1999.

Using Stellar: introduction and training sessions on MIT's Learning Management System for educational purposes

Currently in Preparation

Information Systems and Educational Technology articles

> **"Evaluating Learning Management Systems for Enterprise Educational Support"**
>
> **"Using Discussion Boards for Online Collaboration to Support Education"**
>
> **"Organizing Case Studies for Technology Enabled Learning"**

Project Management Articles

Part of The Effective Project Management Series with Dr. Robert Wysocki and John Nevison

> **"The Scope Triangle in Projects"**
>
> **"Effective Project Planning Sessions"**
>
> **"An Executive Overview of the Project Life Cycle"**
>
> **"Establishing a Simple Project Risk Management Program"**
>
> **"Effective Approaches to Project Management Training"**

A book focusing on **"Using Project Management for Developing Web Sites"**