Matthew K. Gray

Work Address
MIT Room E15-022
20 Ames Street
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Home Address
64 Webster Ave
Cambridge, MA 02141
(617)-497–3934

Experience

Physics and Media Group, MIT Media Lab — Cambridge, MA
April, 1996 – present

Research into electrostatic intrabody signaling. Research responsibilities include hardware and software design, parts acquisition, implementation, testing, presentation, and handling sponsor relationships.

net.Genesis Corporation — Cambridge, MA
April, 1994 – January, 1996

Founder and Chief Technologist for a company offering server side software tools for web developers. Developed initial versions of products, did product design and strategic planning. Other responsibilities included coding, sales support, marketing support, customer service, and management of engineering teams.

O'Reilly and Associates — Camgridge, MA
May, 1994 – August, 1994

Consulting work focusing on producing advertiser reports and performance enhancements to the GNN web server.

MIT Media Lab — Cambridge, MA
January, 1994 – June, 1994

Developing software for a project to provide customized newspapers to MIT students from Associated Press and other news sources. Coding primarily in C and perl.

MIT Planetary Science Department (EAPS) — Cambridge, MA
May, 1993 – August, 1993

Observation and data analysis of light curves from Koronis Asteroids. Familiarity with observational precedures and astronomical image processing.

MIT Radio Astronomy Group — Cambridge, MA
January, 1993 – May, 1993

Worked on signal processing of light curves attempting to measure time delays in gravitational lense images. Work included C programming and work with image processing packages. Continuation of earlier work.

Brookhaven National Lab — Brookhaven, NY
May, 1992 – August, 1992

Data analysis and presentation for particle physics work, specifically, seeking a rare kaon decay (E787 at BNL). Developed Software in C and Fortran. Continuation of earlier work.

Education MASSACHUSSETTS INSTITUTE OF TECHNOLOGY Cambridge, MA
B.S. in Physics, May 1997

Publications *Build a Web Site, Prima Publishing,* June, 1995. A book published while with net.Genesis covering technical and design aspects of managing web sites.

"Growth of the Web Report,", *Web (http://www.mit.edu/people/mkgray/net),* continually updated. A report first published in June, 1993 detailing historical growth in the number of web sites, based on original research. Extensively cited, including Newsweek, PC Week, PC world, Communications Week, and many others.

"Web Watch,", *Internet World,* 1995. A monthly column written by me and others at net.Genesis.

Organizations, Proficiencies, Interests

SIPB - STUDENT INFORMATION PROCESSING BOARD
January, 1992 – present
Member. A volunteer organization providing computing services to the MIT community. I was Chairman in 1993. I set up one of world's first 100 web servers in May 1993 as part of this group.

APACHE GROUP
Member. Volunteer development group of the Apache Web Server, the most popular web server in the world.

COMPUTER LANGUAGES
Exceptional proficiency: C, perl, Java.
Proficiency: C++, sh, VB, Fortran, tcl/tk, many others.

INTERESTS
Basic conversational French speaker, Ballroom dance, Recreational computing, Volunteer activities.