

Patrick Fitzgerald

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Web application user interface designer/developer with extensive experience in web standards, accessibility, and internationalization. Rare combination of creative, graphic design, and technical skills, including the following:

Programming: HTML, JavaScript, Cascading Style Sheets (CSS), XML, AJAX, CGI, PHP, ASP, Perl, MySQL database, shell scripting, C, Lisp

Software: Adobe Photoshop; Apache web server; Microsoft Word, Excel, and Visio

Operating systems: Linux, Microsoft Windows

PROFESSIONAL EXPERIENCE

WEBMD HEALTH CORP, ATLANTA, GA

2004-Present

Development Manager – Syndication and Rich Media

Designed and implemented solutions for syndicating content via RSS and XML, displaying video and rich media applications, and publishing WebMD expert blogs. Became company-wide resource for web standards, JavaScript, HTML, CSS, community and social software, blogs, accessibility, and search-engine optimization.

- Enabled WebMD to become the health channel for major partners (Fox News, CBS News, TV Guide, EarthLink). Designed web application to create dynamic “mini-brands”, then created the HTML/JavaScript front-end.
- Allowed diverse groups within WebMD to coordinate upcoming content and events by combining 15 disparate calendars into one web application. Designed and implemented all stages of the WebMD “master calendar” web application.
- 2005 Outstanding Achievement Award: “Pat Fitzgerald, our own hacker extraordinaire, has been instrumental in getting some of WebMD’s newest technologies out the door”
- 2005 Q2 STAR Award: “to recognize and reward significant individual and team contributions towards meeting our divisional business objectives each quarter”

BARELYFITZ DESIGNS, ATLANTA, GA

2003 – 2004

Web Design Consultant, WebMD (2003-2004)

Designed and prototyped new information architecture for web site redesign. Wrote test procedures and performed usability testing. Wrote design documents and style guides. Created database and web application to catalog all online assets.

- Completed prototypes in aggressive three-month schedule

Webmaster, *Skeptical Inquirer Magazine* (1994-2005)

Created and maintained web site and online store for non-profit science education organization. Worked remotely via email (from Atlanta, GA to Buffalo, NY).

- “Top Ten Science Web Site” from *Home PC* magazine
- Increased online subscriptions by 40% from 2000 to 2001 (from 1,455 to 2,042 orders)

HEWLETT-PACKARD COMPANY, ATLANTA, GA

1996 – 2002

Software Design Engineer (Webmaster), Internet Security Division (1999-2002)

Designed, implemented, and maintained corporate web site for all HP security products, and internal web sites for HP security divisions and R&D projects. Wrote marketing copy and press materials and created graphics and animated banner advertisements. Worked independently with minimal supervision.

- Improved communication between distributed product development teams in California, Georgia, Bristol UK, and Bangalore India by developing a content management system for R&D documents. Created using Apache / PHP / MySQL.
- Coordinated internal communication with mailing lists, news archives, and news/events databases; searchable forums became a valuable resource for sales, support, and development.
- Redesigned web sites to comply with W3C web content accessibility guidelines and U.S. Section 508 guidelines.

Software Design Engineer, Internet and System Security Lab (1996-1999)

Designed user interface for HP Virtualvault security software. Implemented web-based GUI as highly secure CGI programs written in C.

- Best General Security Product 1998/2000/2001 from *Secure Computing* magazine
- Coordinated team in Japan for internationalization (I18N) and localization (L10N)

SECUREWARE INCORPORATED, ATLANTA, GA

1994 – 1996

Technical Writer

Designed, implemented, and maintained the SecureWare corporate web site. Wrote user documentation (printed and online help) for security products.

- Defined look-and-feel of products by designing logos, GUI icons, and marketing graphics

INTERGRAPH CORPORATION, HUNTSVILLE, AL

1990 – 1994

Senior Software Analyst (1992-1994)

Wrote utility programs (C and SQL) for relational database software product. Coordinated source code control and configuration management for team of 20 developers.

- Created distributed Perl scripts to, on a nightly basis, compile, test, and package the software simultaneously on multiple UNIX and Windows platforms

Senior Technical Writer (1990-1992)

Wrote documentation and on-line help for programmer API and end-user software.

- Improved department productivity by automating processes with Perl scripts and creating graphical user interfaces for common procedures

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA

B.S., Information and Computer Science

Certificate, Technical and Business Communication