

Paul Wayne Burney, III

1 Wayside Drive
Mansfield, MA 02048
(978) 369-2287 – Work
(508) 337-6338 – Home
resume-box@burney.ws
burney.ws/portfolio

Objective:

To obtain a full time position as a senior web programmer, web developer, or webmaster. I specialize in developing custom web applications, creating useable and accessible web sites based on open standards, and building and administering Unix and Linux servers.

Skills Summary:

Expert: PHP, HTML 4, SQL, MySQL, Apache, CSS, CDML, FDF, Bourne Shell

Intermediate: Perl, XML, JavaScript, FileMaker Pro, PDF, Photoshop, C Shell

Novice: Flash, C, PostgreSQL, NT Command Shell

Platforms: Solaris 7, SUSE Linux, FreeBSD, IRIX, Red Hat Linux, Windows NT Server, OS X, Mac OS

Languages: Fluent in English, Spanish; Elementary French

Education:

1997 - Boston College, Chestnut Hill, MA

- B.S., Physics
- Minor in Secondary Education
- MA Teaching Certification, Physics

Additional Coursework

- 2001 – Intro to C Programming
- 2000 - Web Site Administration with Perl
- 2000 - Perl DBD Techniques
- 1999 - Introduction to Flash 4

Experience:

Webmaster, The Concord Consortium, Concord, MA (12/01-present)

Summary: In my position as the webmaster of The Concord Consortium, I am responsible for building and maintaining all aspects of our web presence, including production and development web servers, site architecture, design, and implementation, integration of backend systems with our sites, coordination of contractors, and development of web initiatives.

- Developed an online members area for members of the public to opt-into newsletters, mailing-lists, and more. Integrated that system with **Majordomo** mailing list server.
- Created a **MySQL** database-backed system for authenticated and **tracked downloads** of our software products.
- Redesigned site to conform to the **HTML 4.0** standard and **Section 508** accessibility standards.
- Developed an intranet system with authentication over **SSL** from an **NT Domain** server. The intranet includes a **document warehouse** and a flexible, online timesheet system with optional **PDF** output. Other features include news and searchable/printable directories
- Migrated a static HTML site to an easy to maintain, dynamically generated one.
- Developed a consistent look for the site using server side includes, **PHP** includes, **Perl CGI** scripts, and cascading style sheets.
- View sample sites at: <http://www.concord.org/> and <http://workbench.concord.org/>

Webmaster, UCLA GSE&IS, Los Angeles, CA (12/98-6/02)

Summary: In my position as the UCLA GSE&IS (Graduate School of Education and Information Studies) Webmaster, I was responsible for building and maintaining the GSE&IS production and development web servers, developing the site, integrating backend systems with the web, coordinating the efforts of the site developers, and developing web initiatives. Other responsibilities included administering the GSE&IS laboratories, and the student and staff accounts in the NT domain.

- Developed an online interface to directly edit **XML** data files for a mac-only, server application, thus allowing access via any platform.
- Created a **MySQL** database-backed faculty web page system that allows faculty members to update their pages over the web and post publications for download.
- Added needed functionality to the site, including database integration and **full-text search** capabilities.
- Migrated the site from a Macintosh **WebStar** server to a Unix **Apache** server.
- Led several workshops on HTML design, PHP Scripting, and use of web page editors for faculty, staff and students.
- Administered and maintained all NT staff and student accounts.
- Developed informative web site for the labs, including instructions with step-by-step screen shots.
- View site samples at: **burney.ws/portfolio/?type=1**

Web Consultant, Los Angeles, CA (12/99-9/01)

Summary: As an independent web consultant in the Los Angeles area, I have worked for several clients to develop web solutions for their businesses.

- Redesigned and restructured client's existing sites, cleaning up code and conforming to standards.
- Developed hand-coded, database-backed web sites for clients, some using **PHP** and **MySQL**, others using **CDML** and **FileMaker Pro**.
- Integrated backend processes, such as inventory and user registration, with secure web transactions.
- Performed all duties of a web host, including email and listserve configuration, domain registrations and transfers.
- View site samples at: **burney.ws/portfolio/?type=3**

Content Developer, KidsNet Connect, Los Angeles, CA (10/98-5/99)

Summary: As a content developer for KNC, I developed freelance content based on physics and mathematics concepts. I strived to make the content interesting for the students by making it interactive with **JavaScript** and animated explanations.

- Developed interactive science and math content for a high traffic site.
- Designed **HTML** pages, scripts, graphics, videos, and animations.
- View site samples at: **burney.ws/portfolio/?type=2**

Instructor of Physics and Mathematics, ITT Technical Institute, Framingham, MA (3/98-9/98)

- Taught courses in Algebra, Trigonometry, Calculus, and Physics.
- Developed new online instructional/curriculum materials: reviews, tests, quizzes, worksheets.
- View instructional materials at: **burney.ws/portfolio/?id=10**

Physics Teacher, Lynnfield High School, Lynnfield, MA (1/97-8/98)

- Taught five courses of Physics and Natural Science and developed many new inexpensive labs
- Made use of under-used computer resources and fully integrated available technology into the classroom (Apple IIe with physics interface; Macintosh Lab)
- Used project based and hands on alternative assessments.
- Created documentation, materials, and a web site for a faculty web page creation workshop. Most of the materials are now located at the **webdevel.burney.ws** web site.