

# James Butler's Résumé

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Developer  
Web Architect  
Internaut

## Professional Objectives

- Directing teams of network developers to define processes and implement strategies for large-scale web projects.
- Leveraging network psychology, marketing, and new technologies for improved client interaction.
- Utilizing the Internet in conjunction with distributed media to facilitate enhanced peer-to-peer communication.

## Employment History

### **The Criminal Defense Group : 2001-Present**

*IT Director and Application Developer*

Information Technologies Director and Application Developer for America's largest exclusively criminal defense law firm.

Currently manage a single-office network of 25 Windows workstations, 2 dedicated Red Hat Linux servers, and provide remote technical support to several hundred attorneys nationwide. Designed and programmed several in-house applications to assist resident attorneys in their management and reporting duties.

Developed proprietary marketing tools to assist in the deployment, management and reporting of extremely broad online advertising campaigns with a monthly spend of over \$60,000 and monthly Internet revenues of over \$400,000.

Applications developed using Dynamic HTML, MySQL Database Server, WAP (for cell phone access), RSS (for 'news feeds') and PHP and Zend Scripting Technologies, and are integrated with various Microsoft products such as Access and Excel in the office.

The Criminal Defense Group employs over 400 attorneys, nationwide, and these applications enable them to communicate, schedule, track, evaluate, and manage their cases.

The Criminal Defense Group owns over 80 web domains (the primary web domain is: TheCriminalDefenseGroup.com), several of which consistently place in the Top 5 results for search terms related to the legal industry on all of the major search engines. The Criminal Defense Group is extremely active in PPC and CPC search advertising campaigns, and has achieved excellent results with search placement for 'algorithm' search 'spiders', in addition to the paid placement.

These and The Criminal Defense Group's other domains are hosted on dedicated Red Hat Linux servers, which I arranged for and built-out for production. Since we moved to the Linux servers and implemented various company-wide policies which I authored and maintain, the company's extensive network and all of their e-mail have been virus- and hacker-free, despite numerous, daily attacks.

### **Internet Society - Los Angeles Chapter : 1998-2010**

*Board of Directors Chairman, Chapter Trustee and Education Committee Chair*

Working with this chapter of the international organization.

Our chapter is dedicated to promoting general Internet knowledge, working to develop Educational applications for the Internet, and participating in the creation and standardization of protocols for Internet activities through the Internet Engineering Taskforce (IETF), a branch of the Internet Society (ISOC). We are officially the largest ISOC Chapter, with over 400 members, state-wide.

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**Web Developer : 1990-Present**

Projects include crunching HTML for the initial rollout of the CitySearch website and building a Shockwave game for the Paramount Pictures/Howard Stern movie site, among others. Clients include OverTheNet, Zentropy Interactive, NextStep Media, ZigZag, Platt College, Glendale Career College, and others.

**XactImage : 1999-2000**

*Application Developer*

Working with this Los Angeles-based web production company.

Among other activities, I developed the programming for a 'proof of concept' for Fairchild Corporation, a major aerospace parts manufacturer. The proof of concept demonstrated how their web presence would be able to integrate with their in-house inventory chain to enable vendors and suppliers to interact directly with Fairchild's product management system with a low learning curve, reducing errors and streamlining their product delivery stream.

Acted as company liaison during a major transition in product offerings for our telco management clients from service affiliate AT&T.

**Novomind (formerly 'eBrain') : 1998-2000**

*English Artificial Intelligence Developer*

Working with this German company during development of their proprietary C++/Java engine, I cleaned up and augmented the translated 'brain' for their 'Virtual Agent' web-product. This involved adjusting the translated output and creating patterns and rules for the interaction between the Agent and the site visitor. (See Novomind.com for a demonstration of the current implementation.)

On a side note ... I never met my employers on this project; all communication took place in cyberspace or via the occasional Transatlantic telephone call.

**Instructor, Internet Programming : 1996-1999**

*Glendale Career College, Glendale, California*

Taught a popular course in Web Design, Client-side programming (DHTML, JavaScript), and graphics production

**Game Programming : 1992-1994**

*Cyberboy Studios, Marina Del Rey, California*

Three-man development team wrote and produced award-winning CD-ROM games

**PrePress Production : 1979-1992**

College Press, Burbank, California  
Audio Amateur Publications, Peterborough, New Hampshire  
Precisionforms, Inc., Jaffrey, New Hampshire  
80 Microcomputing Magazine, Peterborough, New Hampshire  
Kilobaud Microcomputing Magazine, Peterborough, New Hampshire

**Education**

Certified by the State of California to teach Multimedia Production to all age groups.

Platt College, Eagle Rock, California  
September 1995 Graduate with Diploma in Computer Graphics and Design

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## **Development Environments and Tools**

Operating System Production Environments:

Linux, Unix, Windows95/98/NT4/2000/XP/Windows7, Macintosh 7-OSX

Operating System Networking Environments:

Servers: Linux, Unix, Windows NT 3.5-XP;

Workstations: Windows95/98/2000/XP/Windows7; Macintosh 7-OSX

Secure Wireless

Miscellaneous Operating Systems:

Oracle 8i, Novell 3-4, MS-DOS 3-7, BeOS, PalmOS, WindowsCE;

iOS (iPad, iPhone, etc.); webOS (Palm); Android

## **Production Software**

All **webpage programming** is developed using a simple text editor. Other project-oriented software includes NetObjects Fusion 1-3, MS FrontPage 97-3, MS Project98, and other web authoring programs.

In addition, at the request of my clients, I have developed several websites using various Content Management Systems (CMS) such as Drupal, Joomla and WordPress. These include customized base applications, custom plug-ins/add-ons/modules, and expansions of existing community work.

**Web programming languages** include Advanced PHP, PERL, WAP, XML, RSS, Advanced Javascript, HTML, Java, VBScript and others.

**Database software** includes MS-SQL, MySQL, Oracle 8i, PostgreSQL, various Berkley implementations and Microsoft Access and Excel.

**Materials production software** includes Macromedia Director 3-8 and all versions of Flash (even back when it was being developed by FutureSplash!), the GIMP, Inkscape and other FOSS tools, and Adobe products including Photoshop 2-6, Illustrator 3-8, Acrobat 2-5, PageMaker 3-7, and Premiere 3-7 with After Effects 3. Audio development and manipulation has been done with various audio programs including Sound Forge 2-6, Audacity and Cakewalk 7.

**3-D VRML production** has been accomplished with software from Lightwave, Virtus, Caligari, and most recently with SGI/CosmoSoftware's outstanding CosmoWorlds. During Game Production, our team used Kinetix 3D Studio with custom Photoshop scripts and masking effects and the DOS-based Game Creation System (GCS).

Regular **production networking** activities utilize various conferencing, shared environment, telnet, FTP, system status, remote control, and high-level browsing software. Frequently involved in beta-testing and professional developer programs for major manufacturers.

As the **IT Director** for a large law firm, I have had to troubleshoot and modify all kinds of workstations and servers, both local and remote. I regularly train and assist employees of the firm in the operation of their systems both in the primary office and remotely with employees all around America, and I frequently perform computer forensics tasks to aid in the development of legal defense positions. During these activities, I work intimately with all of the major operating systems, several brands of personal communications devices and all of their attendant communications protocols, and with a very wide variety of personalities.

For more information, examples and media appearances, please visit <http://jamesbutler.net>