Christopher J. Dolan

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About Me

Talented software designer and standout implementer with broad and deep experience
Extremely fast learner who thrives under pressure
Strong supporter of team and community achievement
Solid personal and written communications skills and business savvy
Good karma via extensive online volunteerism: http://chrisdolan.net/about/

Notable Project Experience

MediaLandscape product suite — Stunning tools for rich electronic presentations — http://media-landscape.com
- Acted as lead developer and technologist
- Implemented build system incorporating diverse assets

TASC — Powerful online customer tools for financial benefits company
- Saved TASC millions of dollars by moving operations from paper/phone to web
- Interfaced with complex existing systems

TeachingBooks.net — Award-winning compendium of children's literature resources
- Architected and implemented database-driven site, implemented site design
- Constructed extensive, easy-to-use administrative tools via web
- Managed development staff, conducted all aspects of business with client

Work Experience

Software Developer and Shareholder — Clotho Advanced Media, Inc.   Jan 2001 – present
- Lead developer on over a dozen projects
- Managed business relationship for several clients
- Maintained excellent record of meeting deadlines and budgets with high quality results
- Created both shrinkwrap products and custom client software
- Participated in all arenas: sales, proposals, design, implementation, polishing, documentation, deployment, maintenance, plus R&D
- Successfully advocated best practices in software engineering

Programmer/Scientist — University of Wisconsin, Astronomy   Aug – Dec 2000
- Architect and coder for flexible online star database

Research Assistant — University of Wisconsin, Astronomy   Jun 1994 – Aug 2000
- Designed and executed cutting edge research project on star formation
- Formalized and streamlined process of data collection and dissemination for multi-university star cluster survey project

Project Assistant — University of Wisconsin, Astronomy   Jun 1995 – Dec 1998
- Created software and manuals for lab course in astronomy

Education

University of Wisconsin–Madison, PhD In Astronomy with minor in Physics, August 2000
Cornell University, BA Cum Laude with distinction in Astronomy, May 1994

Skills Detail

Languages

Perl, PHP, C/C++, SQL, Actionscript, Java/JSP, (X)HTML, CSS, Javascript, XML, sh/csh, VBScript/ASP, XUL, Python

Tools

SOAP/WSDL/XMLRPC, Flash, CVS, arch, ClearCase, Apache, Tomcat/Jakarta, make/nmake, MySQL, Postgres, BDB, Access, Excel, MS SQL, VC++, XCode, MediaWiki, Bugzilla, PHPBugtracker

Platforms

Linux (RH6-Fedora, Mandrake, Debian), Mac (6-X), DOS 3.3-WinXP, Irix, SunOS/Solaris, FreeBSD, VMS, Ultrix/OSF-1

Current Niches

Perl, PDF, SVG, Excel, SOAP, CGI, Actionscript