

Joseph S. Atkinson

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Seasoned professional versed in various programming and scripting languages such as C/C++, Java, Lisp, Make, Perl, PHP, Python, Visual Basic, and traditional UNIX shells. SQL database work in MySQL and PostgreSQL.

Highly adaptable using Agile Development to ensure total customer satisfaction at deployment, and forming relationships in which clients are confident negotiating new contracts for additional features after the sale.

My source contributions have been accepted by internationally renowned projects such as Ardour, Exaile, FileZilla, FreeBSD, GNOME, and VLC.

Notables:

The FreeBSD Project

FreeBSD is a free UNIX-like operating system descended from the original BSD UNIX distribution initially developed by the Computer Systems Research Group at the University of California, Berkley in 1977. FreeBSD assumed development in 1993 and its code base serves as the foundation upon which Apple later built Mac OS X and iOS (used for the iPhone and iPad) as well as other projects such as FreeNAS, PC-BSD, and m0n0wall.

I began using FreeBSD as a workstation and desktop around 2005, and migrated my servers early the next year. In 2007 I began emailing small modifications to contributors. Soon thereafter I began porting and stewarding software independently while getting many of my changes and fixes merged with the project upstreams. In 2010 was awarded commit access to FreeBSD's revision control systems (CVS and Subversion) and was officially invited to become a member of the project.

Google Summer of Code

In 2010 I was asked to serve as the administrative contact for the Exaile project, helping usher a student's bid for GSoC participation.

Experience:

ETSU Emerging Technology Center, 2009

Johnson City, TN

- Application development using PHP's ZendFramework and MySQL for on-campus departments and services.
- Quality assurance, verifying applications and websites presented proper information while ensuring minimal potential for compromise.
- Technical consultant on several projects to be implemented by student workers, suggesting technology and methodology to be used.

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Autocthon, 2005-2009

(Self employed)

- Contract work doing maintenance programming on former White Rhino projects.
- Small scale projects for local area businesses, including web programming and low volume web hosting.

White Rhino Networks, 2001-2005

Gate City, TN

- Custom programming to tailor PHP based web forum software (phpBB) to each customer's needs while ensuring local changes were migrated smoothly between security updates.
- Served as the primary technical consultant and programmer for customer's dynamic web content using PHP and MySQL.
- Implemented Windows based small business software in Visual Basic to synchronize production demands with the customer's order queue.
- Webmaster of the company's website, as well as virtual hosting of local area business customer sites using Apache on OpenBSD.

Image4art, 1998-2000

Kingsport, TN

- Web designer and programmer using JavaScript, Macromedia Director (Shockwave), and Macromedia Flash.
- Setup and administration of Apache web servers running Red Hat Linux.

Horror International Picture Productions, 1996-1998

Elizabethton, TN

- Video editing and special effects work using a TouchVision Systems' D/Vision Pro audio/visual editing system
- Composition and programming ("sequencing") of film scores using a Yamaha W5 and Digidesign Pro Tools III at Note-Orious Sound Recording Studio, Elizabethton, TN.

Education:

East Tennessee State University, 2009 - *present*

Courses in Java programming and web design.

Northeast State, 2002 - 2004

Courses in Assembly language, PHP, Visual Basic, and database design.

References available upon request.
