The Resume of Ross Harmes

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Objective

I value interfaces, layouts, and programs designed with simplicity and usability in mind, as well as the use of technologies and standards that are open and free. I would like to work with companies and businesses that have these same values and that allow me to continue to learn and extend my knowledge in the areas of programming, website creation and interface design.

For more specific examples of my work, including projects that I've done freelance, please see my portfolio.

References are available upon request.

Experience

New Village Media
Web Developer

November 2005 to present

I create, add-on to, and update content management systems for medium to large organizations in the greater D.C. area. I work both on my own and as part of a larger development team, including programmers, system architects, graphic designers and software testers. I am the lead programmer for several of our client organizations. The following is a partial list of the duties I performed:

- Development of e-commerce solutions, both in the form of shopping carts and donation systems
- Development of a CMS for podcasts and other multimedia files
- Development of a CMS utilizing the concept of in-place editing using AJAX
- Creation of program interfaces using Javascript and CSS
- Installation, maintenance and security upgrades for our current CMS

Academic Technology at the University of Florida
Work Support Group Computer Technician

December 2000 to April 2005

Under the supervision of a permanent staff member, I administered all of the Macintosh computers in UF's various computer labs and training centers. My responsibilities included fixing software problems on any malfunctioning computers and installing new applications onto computers through the use of integration software. I also coordinated with staff members in other areas, such as networking and hardware, to diagnose and fix problems outside of my area of responsibility. The following is a partial list of the duties I performed:

- Maintenance of lab computers
- Installation and distribution of new software, using Radmind
- Creation and testing of new system builds
- Coordination with other staff members to diagnose and solve problems in the lab
- Development and testing of a software package using PHP and MySQL to track the hardware configuration of all lab and classroom computers

Gelhardt Graphics
Junior Graphic Designer

Summer 2000 to November 2005

During the summers up to 2004 I worked full-time, and currently do freelance work, for Gelhardt Graphics, a graphic design firm in Tallahassee, Florida. I gained a great deal of experience with graphic design programs such as Photoshop and PageMaker, and with HTML, CSS, and Perl. The following is a partial list of the duties I performed:

- Web site creation and maintenance
- Web programming, including form retrieval, management systems and dynamic interfaces
- Creation of printed documents, including pamphlets, invitations, posters, business cards and brochures
- Creation of electronic documents and presentations, using Powerpoint and Flash

Skill Set

Programming Languages & Technologies

- PHP & Perl, specifically with database and web programming
- Java
- C & C++
- XHTML/HTML
- CSS
- SQL & Database Programming, specifically with MySQL & Oracle
- Macintosh OS X, including automated maintenance with Radmind.
- Unix system administration and Apache configuration

Programs

- Adobe Photoshop CS & ImageReady CS
- Adobe Illustrator CS
- Adobe InDesign CS & Pagemaker 7.5
- Macromedia Flash MX
- Mircosoft Powerpoint

Education

University of Florida
Bachelor of Science in Computer Engineering

Graduated Cum Laude with a GPA of 3.45. National Merit scholarship recipient and member of the National Collegiate Honors Society and the Golden Key Honors Society. Completed the Honors Program and a minor in Business Administration. Extensive studies in mathematics, programming, circuit & microprocessor design and software engineering.