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Trevor Ratliff

Objective

I have a passion for programming; I enjoy it, and am constantly thinking about it. Finding solutions to problems and enabling people to work faster and easier has been my driving force. I have long enjoyed the creativity and beauty of 3d modeling and animation. Being able to use 3d imagery in my applications has brought them to life.

Professional experience

March 2011 - Present   University Of Kentucky   Lexington, KY
Programmer Systems

- My duties include system design, database design and maintenance, and maintenance for our customer's custom software products. My work was in the .Net languages, MS SQL, and a variety of web application languages. I was also tasked with analyzing and suggesting better internal processes using my Capability Maturity Model Integration (CMMi) background. I set up a system for tracking and managing our software projects as well as processes for better using their code repository. I designed and coded a system for inventory and maintenance tracking on the bikes in the college's bike library. I also programmed a handheld device for a package tracking system so their supply store could track their deliveries.

April 2000 - Feb 2011   New Directions Technologies Inc. Ridgecrest, CA
Computer System Analyst

- My duties included system design, database design and maintenance, and maintenance for our customer's custom software products. I commonly needed to work in C++, C#, .Net languages, various database servers, and a variety of web application languages. Multimedia production and support (such as demo CDs, training media and documentation, web site design and maintenance) were also among my responsibilities. While in this position I designed and developed an electronic business suite which included timecards, management of projects, travel, leave, purchases, employees and reimbursements, and a forum. This system then exported data for import into a 3rd party payroll processor. I also worked on an automated data entry system that pulled time card data from the business suite and pushed it into a legacy green screen system. More recently I have written a web system to disperse username and passwords. This system used a PKI (Public-Key Infrastructure) to validate and authenticate users prior to divulging a temporary password. PKI is one of the most secure methods of user verification today. I have also worked on an emulation system for a GPS assisted inertial measurement unit (IMU).

July 1999 - Dec 1999   Fedcom Ridgecrest, CA
Shipping and Receiving

- My duties included receiving new stock and placing it on the shelves, shipping RMAs to the manufacturers or vendors, taking care of customers (i.e. Checking them out or helping them with questions) and general clean-up of the store

July 1997 – July 1999   Church of Jesus Christ of Latter-Day Saints
Missionary

- I served in the Philippines, taught in Tagalog (one of the native languages). I learned

many important skills while there, such as communication and management of people and time.

Summary of qualifications

HARDWARE/SOFTWARE SKILLS

- IBM PC compatibles, Unix/Linux (built from parts).
- AJAX, ASP, ASP.Net, BASIC, C++, C#, CSS, DHTML, FORTAN 77, HTML, JavaScript, Perl, PHP, Python, Ruby, SQL (standard, Microsoft, Oracle), VBScript, Visual Basic, Visual Basic .Net, XML.
- Edit Plus, Microsoft Visual Studio 6, Microsoft Visual Studio .Net, Microsoft Visual Studio 2003 - 2010, SciTE (software development programs).
- Blender, LightWave, Marai, Softimage, XSI (3-D modeling and animation programs).
- Adobe Photoshop, Corel Photo Paint, Gimp, Painter Classic (graphics programs).
- After Effects, Flash, Premier, QuickTime, Real Media, Viewlet Builder (multimedia production programs).
- Microsoft Access, Microsoft Visio, Microsoft Project, Microsoft Word, WordPerfect, Microsoft Excel, and Microsoft PowerPoint, OpenOffice Suite (office productivity programs).
- DOS, Linux/Unix, Mac, Windows 3.1, Windows 95, Windows 98, Windows CE, Windows 2000, Windows XP, Windows 7 operating systems.
- XML, DTD/Schema Design, XML DOM, XSLT, New Horizons Computer Learning Centers, - 40 Hours
- Asp.Net 2.0 training from Microsoft - 28 hours
- Introduction to CMMi v1.2 - 24 hours

Education

Name of School	Degree	Date Achieved	Major
American Intercontinental University On-line	Bachelors of Information Technologies	5/06	Programming focus
Cerro Coso Community College	Certificate (close to Associates)	5/00	Computer Animation