Brendan Dahl

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Objective

To continue learning about and creating great software.

Education

B.S. Computer Engineering   **Colorado State University**, Fort Collins, CO 8/2004-5/2008
 -Minor in Computer Science   GPA: 3.082

Skills & Coursework

Languages
- Java
- PHP
- Javascript
- C/C++
- C#
- Python

Tools/Software
- SQL (MySQL/MSSQL)
- Unit Testing (PHPUnit, Junit)
- Version Control (Git, SVN, Mecurial)
- Build Systems (Ant, Make)
- MVC (CakePHP, Symfony)
- Web 2.0 AJAX (JQuery, Closure)

Coursework
- Artificial Intelligence
- Compilers
- Embedded Systems (VHDL)
- Microprocessors
- Software Development Methods
- System Architecture

Senior Design Team Leader, "Simpooch"
- Created a virtual dog model with Python and X3D that allowed veterinary students to practice canine acupuncture using a haptic device

Open Source Work

Trapeze, http://code.google.com/p/trapeze-reader/   November 2010 - *present*
 Creator
- Built a browser based PDF viewer with Javascript utilizing many HTML5 features such as canvas, web workers, drag and drop files

Work Experience

Total Benchmark Solution, Fort Collins, CO   June 2007 – *present*
 Software Developer
- Developed distributed data warehouse/calculation system for health care companies with PHP, MySQL, JQuery and extensions for MySQL and PHP in C. (now used by a Top 20 Fortune 500 company)
- Led creation of a Web 2.0 scorecard system for visualizing statistics from the data warehouse above
- Designed Model View Controller(MVC) framework and Object Relation Mapper(ORM) used throughout the company for consistent development practices
- Worked on client side rules processing engine and data conversion application in C# with Model View ViewModel (MVVM) framework, Window Presentation Foundation(WPF), and NHibernate ORM

Avaya Inc, Westminster, CO   May 2006 – Aug 2006
 Software Test Intern
- Created a guide and tool for helping with Java exceptions in Avaya's Application Enablement Service allowing 3rd party developers to quickly understand problems

Content Retriever, Fort Collins, CO   April 2005 – May 2007
 Head of Web Development
- Built server application with targeted ad system, user statistics, and user/content management system

Xyrka Consulting, xyrka.com**,** Denver, CO   March 2001 – *present*
 Founder
- Providing web development and data migration solutions to clients

Bureau of Land Management, Denver, CO   June 2000 – 2005
 Co-webmaster Intern
- Assisted in a national pilot program to develop standards for layout, software used, and other development practices for all BLM state websites