ERIC SHIELDS _____

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Job Search Details:

Objective:	To put my skills and energies toward a web development or software engineering full time job. I am especially good at using PHP, JavaScript, and XHTML/CSS.
Availability:	Actively searching.
Desired Salary:	To be discussed individually.
Citizenship:	**US Citizen**
Desired Job Titles:	Content Engineer – Web, Software Engineer, **HTML/JavaScript/PHP Developer**
Job Details:	No Shift Preference, Willing to Work Weekends and/or Overtime, **Potentially Willing to Relocate to Anywhere in the US except New York City**
Work Experience:	*3½ Years Software Engineering related Experience*
	2½ Years Web Development related Experience

Education:

ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NY   GRADUATED: MARCH 7, 2007
Bachelor of Science in Computer Engineering

Employment History:

APPLICATION DEVELOPER ASSOCIATE PROFESSIONAL
BAE Systems Enterprise IT   May 2008 – October 2008
                                                             Binghamton, NY

- This position is a continuation of the previous position. In May of 2008, the majority of CSC employees working on the BAE Systems account were transferred to BAE's internal IT department.

APPLICATION DEVELOPER ASSOCIATE PROFESSIONAL
CSC Technology Management Group   November 2006 – May 2008
                                                             Binghamton, NY

- Create custom solutions for clients internal to BAE Systems
  - Customer-oriented, task-driven application development
  - Worked primarily with SQL, PL/SQL, and APEX for Oracle
  - Wide variety of projects, from simple reports to complete web applications
  - Effective communication is vital in all forms, as the work is done in direct correspondence with the client, and often involves groups of developers
- Also part of the APEX (Application Express) development team, who create data-centric web applications
  - Numerous Applications from a PL/SQL library of XML functions to a PC distribution tracking system
  - Created a custom Javascript library which allowed easy creation of custom popup dialogs far more powerful than the built-in APEX pop-ups. This was a personal project beyond what was asked.
- Started position with zero knowledge of SQL, Databases, APEX, or any Oracle product
  - Placed in charge of overseeing and implementing the conversion of a production-critical system to the newest software version, including its split into development and production instances with Disaster Recovery
  - Also served as the point of contact for anything related to this system

SOFTWARE ENGINEER: SUMMER INTERNSHIP PROGRAM
Honeywell Aerospace   June 2006 – August 2006
                                                             Phoenix, AZ

- Created an Intranet website to allow the search and retrieval of engine vibration test data by employees
  - Written in PHP, JavaScript, and XHTML/CSS; uses the Fusebox framework
  - Required testing in many OS/browser combinations to ensure functionality in any situation
  - Designed for expandability and maintainability - Fully W3 standards compliant
  - Completed in 1 ½ months, from initial concept to live release
- Integrated the above with another test data retrieval site
  - Reworked the secondary site to match the first in look and functionality
  - Added login and export control to both sites

SOFTWARE ENGINEER: SUMMER INTERNSHIP PROGRAM
Honeywell Aerospace   June 2005 – August 2005
                                                                          Phoenix, AZ

- Design a program in PHP to convert very old file format to a newly developed one. (4000 lines of code)
- Read, understand, and modify the Perl conversion script (from the new format to the old)
- Design programs in PHP to test the conversion from the new format to the old
- Project of great importance; undertaken to prevent the loss of extensive amounts of test data being stored in the old format on servers which are no longer supported
- Required extremely fast adaptation to new climate, new work environment, and new programming languages. Learned PHP and Regular Expressions in less than 5 days each

Projects:

GUILD WEBSITE (FREE-TIME PROJECT, 2007)
- Self-motivated project to create a highly functional website for a World of Warcraft guild. Written in PHP, XHTML, DHTML, CSS, and JavaScript, the site caters to the many needs of a guild, including an interactive calendar, a screenshot uploader and viewer, a registration and login system, and many other features. A MySQL database is used to maintain many features of the site. The website is located at http://freedomschoice.coldcandor.com

WEBSITE DESIGN AND IMPLEMENTATION (RIT PROJECT, 2006)
- Contained both an individual project and a group project intended to make use of the many aspects of XHTML and JavaScript available, including Cascading Style Sheets, XHTML and HTML, PHP, JavaScript, Forms, Form Mail, Password protected pages, and validation. Please visit the pages below (Best when viewed in Firefox or other W3 Standards compliant browser, as in not Internet Explorer)
- http://old.coldcandor.com/409/assignment_3/   – Final individual project
- http://old.coldcandor.com/409/webjunkies   – Group project
- http://old.coldcandor.com/409/assignment_1/design_doc.pdf   – Design Document for Group Project

EBOOKFORMATTER (FREE-TIME PROJECT, 2005)
- Self-motivated project to produce an extensively functional text formatter for use with eBook-style text documents, as well as emails. Written in PHP and HTML. Hosted by Sourceforge.net at http://sourceforge.net/projects/ebookformat/

SOFTWARE ENGINEERING (RIT PROJECT, 2003)
- Team project to design entire bowling management system using Java, including automatic and manual scoring and complete graphical user interface in a real-world environment (e.g. weekly status reports, team reviews, and final project reflection)

Computer Skills:

- **Programming Language skills**
  - Extensive knowledge in PHP, Regular Expressions, XHTML/CSS, SQL, PL/SQL, APEX
  - Knowledge in Visual Basic, Perl, Java, C++, XML, Fusebox, C
  - Very quick study of new languages and programs

Honors and Activities:

- RIT Presidential Scholarship
- TAP award for excellence in academics
- High School Honor Society Member
- Member of People to People International Student Ambassador Program since 2000
- Member of House of General Science at RIT, 2001-2004
- *Community Service Head* of the House of General Science, 2002-2004
- Volunteer and fundraiser for Multiple Sclerosis Society, 1999-2001
- Varsity Track and Field (Indoor and Outdoor), 2003-2006
- Member of the IEEE Society through 2007
- Avid outdoorsman and environmental advocate

REFERENCES, COLLEGE TRANSCRIPT, LETTER OF RECOMMENDATION, AND CODE SAMPLES AVAILABLE ON REQUEST