

# ERIC SHIELDS

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## Job Search Details:

**Objective:** To create and maintain cutting edge front end web applications using Javascript, HTML, and CSS  
**Availability:** Currently employed. Availability based on offer.  
**Desired Salary:** 60k/year, plus benefits  
**Citizenship:** US Citizen  
**Desired Job Titles:** Web Developer – Front End  
**Job Details:** 2<sup>nd</sup> shift preferred, Willing to work **Extra Hours, Willing to Relocate**  
**Work Experience:** 5 Years Web Development related Experience

**Education:** Rochester Institute of Technology  
**Bachelor of Science in Computer Engineering**

Graduated: March 7, 2007  
Rochester, NY

## Employment History:

GUI Developer  
Synacor, Inc.

May 2009 - Present  
Buffalo, NY

This job had three phases:

- Client Deployment Engineer – Client Deployment team (October 2011 – Present)
  - Work with internal client managers to handle client requests and product deployments to the over 30 ISPs Synacor serves
  - Requires less technical skill than the previous two phases, but much more communication and knowledge of the company's systems and the Portal codebase
- Front End Javascript Developer – TV/Video team (November 2010 – October 2011)
  - Worked very closely with the other two primary members of the TV Front End team to update the Video channel to Primetime v1.0, Primetime v2.0, and Primetime v2.2 (Charter Video On Demand)
  - Wrote close to 75% of the new JS code for Primetime 2.0 and 95% of the HTML/CSS
  - Primetime 2.0 was a ground-up rewrite of the video channel, covering 95% of the codebase
  - Primetime 2.0 utilized the Mustache/ctemplate templating system, extensive jQuery, as well as jQuery UI
  - Work was performed in Sprints according to a slightly modified Agile development process
  - All content had to function the same in IE7-9, FF3.6, FF, Chrome, and Safari
- Cut-up Artist – Ux team (May 2009 – November 2010)
  - Took Photoshop documents and requirement specs created by the Design team and crafted HTML/CSS webpages out of them
  - Completed cut-ups were passed off to development teams to integrate into the existing portal
  - Worked closely with design and developers to ensure as smooth an integration as possible

Application Developer Associate Professional  
CSC Technology Management Group and BAE Systems IT

November 2006 – October 2008  
Binghamton, NY

- Created custom solutions for clients internal to BAE Systems
  - Used SQL, PL/SQL, APEX for Oracle, and Javascript to create data-driven webpages
  - 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.
  - Began position with no knowledge of SQL, PL/SQL, or any Oracle product

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
  - Involved many new concepts, including PHP login sessions and PHP file I/O
  - Completed in 1 ½ months, from initial concept to live release

## Personal Projects:

This Resume (Ongoing)

As a way to be a little extra creative, this resume has been created using HTML5 and CSS3 technologies, instead of the standard Word document. The goal is to make it look and feel very similar to viewing a word doc, while simultaneously providing a current code sample and increasing the power of the tools available to create and present the resume. Fallbacks for old IE and special print styles help ensure usability and consistency with Word.

Personal Website (Ongoing)

After Website Design and Implementation in college, it seemed appropriate to have a personal website. While the site itself never really developed a purpose, it has served as a portfolio (<http://www.coldcandor.com/webpages.php>), and a testbed for ideas and functional practice. The site is now hosted on a server located in the living room, with all steps to create a web server (VirtualBox, Ubuntu Server, Apache, networking, MySQL, Git, etc) having been completed personally. The site has numerous subdomains, a beta version, and Git-based versioning.

Minecraft Enchanting Simulator (2012)

A project to both analyze and understand the Minecraft enchanting algorithm, and to utilize Javascript coding concepts learned at Synacor. It makes heavy use of jQuery and will, once updated, use mote.js (a version of mustache) for dynamic HTML templates. Having not had time to finish it fully, it lacks a pretty UI and input validation. The simulator is hosted at <http://beta.coldcandor.com/minecraft.php>.

Guild Website (2007)

This was a self-motivated project to create a highly functional website for a World of Warcraft guild. Written in PHP, XHTML, 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, announcement system, and more. A MySQL database is used to maintain many features of the site. The website is located at <http://freedomchoice.coldcandor.com>, preserved as it was in 2007, except that the announcements and logins were wiped. You may login using [eshields/12345](#). The site took approximately 3 months from inception to current.

## Skills:

- Programming Languages
  - Extensive knowledge in Javascript, HTML/CSS, mustache/ctemplate
  - Knowledge in HTML5/CSS3, PHP, Regular Expressions, XML, Pure, Bash Scripting, SQL
- Applications
  - Git version control, jEdit editor, MS Word, MS Excel, MS Visio, Toggl, AtTask, Adobe Photoshop (as it pertains to cut-ups)
- Operating Systems
  - Windows XP, Windows 7, Linux/Unix command line, Mac OSX

### **Honors and Activities:**

- RIT Presidential Scholarship
- Member of People to People International Student Ambassador Program since 2000
- *Community Service Head* of the House of General Science, 2002-2004
- Hobbies include running, puzzles, coding, games, and reading

**References, college transcript, and letter of recommendation available on request**