ERIC SHIELDS

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Job Search Details:

Objective: To create and maintain cutting edge front end web applications using HTML5, CSS3, and JavaScript

Availability: September 2015

Desired Salary: Depends on position and cost of living at job location

Citizenship: **US Citizen**

Desired Job Title: Web Developer – Front End

Work Experience: *6 Years Web Development related Experience*

Education:
ROCHESTER INSTITUTE OF TECHNOLOGY **Bachelor of Science in Computer Engineering**

GRADUATED: MARCH 7, 2007
ROCHESTER, NY

Employment History:

FRONT END ENGINEER - SUBCONTRACTOR *Azereon*

October 2014 - Present
Buffalo, NY

- Similar to Freelance work, except Azereon handled the client interactions
- 2-person dev team working closely together on varied website projects, big and small
- Utilized popular frameworks, such as Symfony, Bootstrap, Less, WordPress, and Magento
- Used Grunt, Composer, and Node.js for dependancy and library management, as well as Less compilation
- Had free reign over Front End technology, so long as it worked in all major browers (including mobile)
- All sites built mobile responsive, usually using Bootstrap

VARIED JOB TITLES *Synacor, Inc.*

May 2009 - September 2014
Buffalo, NY

This job had three phases:

- Client Deployment Engineer – Client Engineering team (October 2011 – September 2014)
  - Work with internal client managers to handle client requests and product deployments to the over 45 major Internet Service Providers (ISPs) Synacor serves
  - Required extensive communication and knowledge of the company's systems and the Portal codebase
  - Create and maintain the RDP (Rapid Deployment Portal) template, responsible for quickly and easily creating new portals for small ISP's
  - Explore new technologies as possibilities for internal process and workflow, including Behat, Stash, Composer, and Grunt
- 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 part of 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, and jQuery UI
  - Work was performed in Sprints according to a slightly modified Agile development process
  - Required extended browser support, including IE7-9, Firefox3.6, and the latest Firefox, Chrome, and Safari

- Cut-up Artist – Ux team (May 2009 – November 2010)
  - Crafted HTML/CSS webpages from Photoshop documents and requirement spec
  - The 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   November 2006 – October 2008
CSC Technology Management Group and BAE Systems IT   *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.

Personal Projects:

THIS RESUME (ONGOING)

As a way to be a little extra creative, this resume has been created with HTML and CSS, 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 consistent with Word.

PERSONAL WEBSERVER (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, albeit not frequently updated (http://www.coldcandor.com/webpages.php), and a testbed for ideas and functional practice. The site is now hosted on a server located in my living room, with all steps to create a web server (VirtualBox, Linux Server, Apache, Firewall and Port Forwarding, DDNS, SELinux extended permissions, custom user groups, IRC server, PHP, MySQL, Git, and so on) having been completed personally. The site has numerous subdomains, a beta version, everything important versioned in Git, and has seen numerous server migrations including Ubuntu Server, Debian, and CentOS.

LAUNCH OF INKIND (2014)

While not a personal project specifically, this was done primarily as volunteer work. I assisted with front end work for the launch of the website beinkind.com. They aim to serve non-profits with a Kickstarter-like system that gets donators to contribute actual items rather than cash.

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. Having not had time to finish it fully (and it now being so out of date as to be useless), it lacks a pretty UI and input validation. The simulator is hosted at http://www.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 small amounts of 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. The website is located at http://freedomschoice.coldcandor.com, preserved as it was in 2007, except that the database was lost and those pages now error. The site took approximately 3 months from inception to final.

Skills:

- Programming Languages (In order of skill from most to least)
    - HTML/CSS, JavaScript, JSON, HTML5/CSS3, PHP, Regular Expressions, XML, Bash Scripting, SQL
- Frameworks
    - Mustache/Ctemplate, Bootstrap, Less, Sass/SCSS, Node.js, Twig, Symfony, Pure
- Applications
    - Git, jEdit editor, Grunt, Composer, vim, Apache, Toggl, Jira, Adobe Photoshop (as it pertains to cut-ups)
- Operating Systems
    - Windows XP/7/8, Linux command line, Android (CyanogenMod), Ubuntu Desktop, 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 CrossFit, running, hiking, puzzles, coding, games of all types, and reading/audiobooks

REFERENCES, COLLEGE TRANSCRIPT, AND LETTER OF RECOMMENDATION AVAILABLE ON REQUEST. PLEASE VISIT MY LINKEDIN PROFILE AT HTTPS://WWW.LINKEDIN.COM/IN/COLDCANDOR FOR MORE DETAILED INFORMATION.