

Carl A. von Buelow

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Portfolio: <http://cvbuelow.com>

- Objective:** Seeking a full-time position as a web applications developer that is challenging and requires creativity. Would like to incorporate strong communication, problem solving, engineering, and computer skills.
- Education:** University of Michigan Ann Arbor, MI
BSE Aerospace Engineering | GPA: 3.56/4.0 Aug 2004 – Dec 2006
- Key Skills:**
- *Deep understanding of* PHP 4 & 5 (object-oriented), XHTML, CSS, Javascript, AJAX, jQuery, Flash
 - *Proficient in* Linux, Apache, MySQL, SSL, ActionScript 2 & 3, XML, JSON, Spry, Photoshop
 - *Experience with* ASP, VBScript, Visual Basic, Python, Perl, ColdFusion, C++, C#, Java, VRML, various Google APIs, Facebook API, PayPal API, Subversion, UML, Xpath, SEO, various CMS's
- Relevant Experience:**
- WTW Design Group Livonia, MI
Freelance Web Developer Nov 2008 – present
- Developed Drupal and Wordpress based sites for various U of M departments
 - Integrated custom design into a SharePoint site for U of M Finance and customized Web Parts using jQuery
 - Created 3D Flash banner, Spry accordion menu, and content pages for Michigan Engineering
- Airflow Sciences Corporation Livonia, MI
Engineer Jan 2007 – April 2009
- Developed web based version of existing application using PHP sockets and Spry framework
 - Constructed a dynamic home management application using Flash, MySQL, and PHP
 - Built secure download application using PHP for serving files from local file system to clients
- Meicigama Systems Southfield, MI
PHP Developer April 2006 – Aug 2008
- Integrated design with server functionality and template framework for corporate and commercial sites
 - Implemented Google Maps API, geo-coding, and secure file serving, built AJAX shopping cart
 - Developed custom Content Management Systems (CMS) with photo processing, drag-and-drop sorting, calendar based date selection, and rich-text editing
 - Built an inventory management system with database driven auto-suggest feature for input fields
- Miles Christi Religious Order Plymouth, MI
Webmaster Fall 2005 – Present
- Designed and developed PHP and MySQL driven website to replace existing site
 - Regular expansion and upkeep of multi-language UTF-8 based site
 - Implemented SSL credit card transactions and built checkout system for swiping credit cards
- U of M Taubman College of Architecture and Urban Planning Ann Arbor, MI
Assistant Web Designer Sept 2004 – Dec 2006
- Database programming, Flash animation, basic website maintenance
 - Implementation of a Perl based online store to sell faculty publications
- Honors and Awards:**
- Google Code Jam 2011 Qualifier and 2008 Beta tester
 - Donovan C and M Scholarship Recipient, 2005-2006
 - University of Michigan Dean's List, Fall 2004 – Fall 2005 and National Dean's List 2004
 - Roth Memorial Award for Outstanding Scholarship in Sophomore Physics
 - XXIV Undergraduate Symposium participant at Eastern Michigan University
 - Eagle Scout Award
- Languages:** Fluent in English and German. Basic knowledge of French and Latin.
- References:** References are available upon request.