**Michael E Yingling**

**Education**

Bachelor of Science, Mathematics and Computer Science, Muhlenberg College 2007

**Work Experience**

**Solers, Inc. 2009 – Present**

*Software Engineer – Enterprise Service Bus*

* Designed and developed SOAP web services using Mule Studio and PostgreSQL to provide flexible solutions and extensible integration.
* Consolidated previous functions into streamlined services to replace functionality of legacy CDMS systems.

*Software Engineer – Cross Domain Solutions*

* Implemented metrics reporting system to capture system usage for analysis.
* Perform software development and systems integration for Department of Defense (DoD) Cross Domain Solutions.
* Provided emergency solution for Security Test & Evaluation (ST&E) documentation generation.

*Software Engineer – Google Earth Enhanced Visualization Services (GEEVS)*

* Developed advanced user interfaces leveraging ExtJS, Google Earth, and other visualization tools.
* Implemented backwards compatibility to Internet Explorer 6 for existing service functionality to satisfy use cases.

*Software Engineer – C2 Information Services*

* Played a key role in design, development, and final integration of various components of an Air Resource Information Service.
* Developed XML schemas for interfaces between the information service and external Air Force Command and Control systems
* Designed and developed user interfaces for display of air resource C2 information using JSP, ExtJS, HTML, CSS, and Javascript.
* Implemented 2-way SSL authentication for C2 services using open source tools such as Open SSO.

*Systems Engineer – C2 Combat Operations Center Model G (COC-G)*

* Designed use case model for lead contractor General Dynamics on-site in Scottsdale, AZ.
* Wrote Systems Analysis Artifacts documentation to ensure satisfaction of SOI requirements.

*Software Engineer – Joint User Messaging*

* Lead developer for a stand-alone application that supports the integration of DoD C2 applications with the DISA-hosted Joint User Messaging (JUM) service.
* Promptly met all user feature requests, including in-application help files, SSL authentication and property-based application configuration.

**Edward Enterprises, LLC 2009 – Present**

*Freelance Web Developer, Founder – (Part time)*

* Custom built websites and automated online software solutions for clients.
* Built public use sites which have serviced over 300,000 unique visitors and been featured on Neatorama, ReadWriteWeb, BuzzFeed and Fark.
* Code written in PHP, MySQL, Javascript, HTML, CSS with Cron Jobs for automation.
* Third-party service integration includes TinyMCE, MediaWiki, Wordpress, jQuery, Zend, Googe APIs (Web Fonts, Charts) and Authorize.net.

**Travelers Insurance 2007 – 2009**

*IT Leadership Development Program and IT Intern in Claim Systems*

* Lead a team of roughly 15 interns as President of the intern Knowledge Exchange website development.
* Provided technical support for GPS units and remote software installations for claim appraiser tracking.
* Worked with legacy code involving: IMS, DB2, JCL and other mainframe work.
* Successfully managed the Personal Insurance (PI) Claims team schedule to correct delayed deliverables and ensure requirements were met on time.

**Skills**

Java, PHP, MySQL, JavaScript, HTML, JSP, CSS

**Hobbies**

Licensed private pilot, black belt in Ken Po, company softball team coach, experienced stage actor and alpine skier.

**Publications**

* Yingling, Mike (2006). *Mobile Moodle, Journal of Computing Sciences in Colleges,* *Volume 21 Issue 6, June 2006*. Retrieved from <http://dl.acm.org/citation.cfm?id=1127487>
* Berner, Matt; Mullin, Tim; Yingling, Mike (2006) *Virtual Tour, Journal of Computing Sciences in Colleges,* *Volume 21 Issue 6, June 2006*. Retrieved from <http://dl.acm.org/citation.cfm?id=1127494>