

# Michael C. Hollinger

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## SMART CODING SOLUTIONS,

Writes elegant, extensible, error-resistant object oriented code [C#/.Net, Ruby, Ajax, and many others]

Designs robust, comprehensible databases that support business [MySQL, Lotus Notes, Oracle]

Sets up Hardware, Configures Operating Systems [Windows, Linux], and Implements Network Infrastructure Environments

## EFFECTIVE CUSTOMER RELATIONSHIPS,

So keenly observes customers that customers have joked I “know [their] requirements better than [they] do”

Does whatever it takes to “fill in the gap,” whether it means quickly learning new skills, helping a customer talk through the implications of their choices, or just pitching in to reduce a backlog

Uses pastoral skills [Listening, Analyzing, Teaching] to steer implementations guided as much by human factors as technical ones

## ...AND THE ABILITY TO INSPIRE EXCELLENCE

Leads teams by example, constantly learning new skills [PMP, Networks, Leadership] and incorporating best practices [Agile / TDD, Source Control, Design Patterns]

Keeps a laser-like focus on regular delivery incorporating real-world user feedback

## Experience

### Tenacity Solutions, Inc.

Herndon, VA 4/08 – 8/09, 5/10 – 8/10

- Ruby / My SQL Developer
- Senior .Net Systems Engineer / Developer

### Above.Net

Herndon, VA 8/09 – 5/10

- Ajax, Javascript, PHP, MySQL and Perl Web Developer
- Network Engineer

### Mantech, International

Herndon, VA 4/02 – 4/08

- Senior C#.Net Systems Engineer / Developer
- Java / Oracle Developer
- Senior Lotus Notes Developer

### PricewaterhouseCoopers, LLP

Washington, DC 1/95 – 7/01

- QA Manager
- Visual Basic / Lotus Notes Developer
- Pre & Post-Sales Engineering
- Lotus Notes Developer
- FoxPro Database Analyst / Developer

### ExecuTrain

Virginia, Arizona, Germany 5/93 – 11/94

- Software Trainer

## Leadership

Senior Pastor of a 20 member church 10/04 – 1/08

Writes for and co-leads Men's Bible Study 11/09 – present

Managed my own chicken & turkey business

2/09 – present

As Landlord, oversaw 2 major house renovations

Husband (since 7/98) and father of two (11/02 –, 8/05 –)

## Education

John Leland Center for Theological Studies, M. Div. 6/08

University of Virginia,

Graduate Certificate in Technology Leadership, 6/01

College of William & Mary, B.A. Economics, 5/93

B.A. Public Policy, 5/93

## Certifications

- **PMP:** Project Management Professional (pmi.org)  
expired Dec.2004
- **SCJWD:** Sun Cert. Java Web Developer (J2EE 1.4)
- **SCJP:** Sun Certified Java Programmer (J2EE 1.4)
- **PCLP:** Principal Certified Lotus Professional [Application Developer] (R4, R5)
- **MCP:** Microsoft Certified Professional  
(Visual Basic 6.0)

*Nobody wants a ¼" drill bit. They want a ¼" hole*

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## COMPUTER SKILLS

Programming Languages:	C#, Visual Basic 4.0/5.0/6.0, .Net 1.0 – 3.5, C++, Ruby 1.8, 1.9, Rails 2.2, Java 1.4 – 5.0, PHP, Perl, JavaScript, JQuery, JSON, VBScript, Tcl/Tk, HTML, ASP/ASP.Net, LotusScript, Domino, Xml, Xslt, XPath, JSP, JSTL, Java Beans, Servlets, Tags, VBA, LDAP, ODBC, JDBC, ADO, AJAX, ActiveX, XmlHttp, SOAP, Sockets, Web Services, Cryptographic frameworks
Development Tools:	Visual Studio .Net 2003 / 2008, Visual Studio 6, SVN / Git, NUnit, Install Shield, Lotus Notes R3 - R7, SharePoint 2007, Notepad++, Vim, XCode
Servers:	Windows Server 2003 / 2008, Active Directory, Group Policy, IIS, Apache
Networking Gear:	Cisco Routers and ASA firewalls, can configure DHCP, DNS, and install small networks.
Methodologies:	n-Tier, UML, Design Patterns, Agile / XP, Rapid Application Development (RAD), Test Driven Development, Continuous Integration
Operating Systems:	DOS, Win 3.1 – 7, Unix (Fedora), Cisco IOS, Mac OS X, iPhone, VMWare
Databases:	Lotus Notes / Domino, MySQL 5.0, Active Directory (LDAP), SQL Server 2000, MS Access, Paradox, dBase, FoxPro, Oracle 7.x, 9i, SQL
Office Software:	Taught most Office Suites, including MS Word, Excel, MS Project and Lotus 1-2-3.

## **TENACITY SOLUTIONS, INC.      APRIL, 2008 – AUGUST, 2009, MAY, 2010 – AUGUST, 2010** Sr. Engineer (4/09 – 8/09)

Was brought in as a “surge” developer on a “new-for-me” language (Ruby). Expectations were that I would assist other developers for a few weeks – but because I learned Ruby so quickly, was given my own tasking. My goal was to write a program that would keep two databases in sync, although the only communication allowed between them was a daily one-way transfer. That meant I had to write code that would track, for example, the same logical thing using potentially different data ids on the “slave” database.

- Completed a predicted 6 month assignment in 3 weeks
- Rapidly learned Ruby and MySQL (2 weeks)
- Solved complex data synchronization issues
- Introduced Test-Driven Development and Source Control to team that hadn’t used it before

## Sr. Engineer (12/08 – 4/09)

Was “borrowed” to assist building a set of programs that would quickly configure all aspects of a user’s computer environment. This meant automating the installation of Windows Server 2008, Windows XP, and the network infrastructure (DNS, DHCP) to connect them.

## Sr. Engineer (4/08 – 12/08)

Designed, developed, and installed a capability for workers in a war zone to silently trigger an alarm back in the Central Office if a situation occurred where the user’s life was in jeopardy but overt communication was impossible. In addition to building an unobtrusive C++ client and implementing my own web server to process messages, I conducted briefings for senior personnel and travelled to a war zone to conduct live tests of the system. While I was in the war zone, I noticed that the mechanism for tracking all workers on the base could be automated, and so extended a week to do that.

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- Designed, installed, and piloted a silent distress report system in a war zone
- While in a war zone, automated a 5 hour-per-week manual process into a 45 second macro
- Juggled multiple projects on multiple continents simultaneously (see below)

Meanwhile, developed a secure, bi-directional network transfer capability that allowed the U.S. Government and an ally on a different continent to communicate over a network that did not allow either party to surveil or otherwise gain any access beyond a set demarcation line.

- Configured simple Cisco networks using static routes, encrypted tunnels, VPNs, and Call Manager
- Developed a web service that allowed only authorized, encrypted web traffic meeting pre-specified Xml Schemas to pass over this network
- Established working relationships with Australian counterparts
- Developed a Notes mail-in solution to assist in the vetting of cables

## **ABOVE.NET**

**AUGUST, 2009 – APRIL, 2010**

Sr. Engineer

(8/09 – 4/10)

Designed & implemented a web-based asset inventory system using Html, Ajax, JavaScript, PHP, and Perl. Was brought in with the understanding that I would backup up two other developers as I learned these “new-for-me” technologies, but within a month, the other developers asked me to take over all the HTML & JavaScript work and simplify their existing database.

- In < 1 month, was given sole responsibility for the front-end GUI of an established tracking system
- Introduced SQL views and other database changes to ease other coders’ work
- Learned Ajax, PHP, and Perl in under two weeks
- Successfully completed “Cisco Securing Networks with ASA Firewalls Fundamentals” training

## **MANTECH/CTX CORPORATION**

**MAY, 2002 – APRIL, 2008**

C# / Windows System Developer

(9/03 – 4/08)

Wrote smart code to support the branch that designed the secure and easy-to-use baseline to which all Agency computers must conform. When native Windows capabilities did not meet requirements, would develop code that would make a Windows box do what we wanted. Balanced multiple competing requirements and guided process flow changes in CM DB.

- At the request of the branch chief, re-engineered the process by which new applications are deployed to the enterprise. Wrote Lotus Notes databases to support the process. Worked with other engineers, managers, and senior executives throughout the Agency to get it started.
- Designed and Maintained Business Process databases for 4 different levels of management above me.
- Developed a C# application to replicate an entire Active Directory structure in another domain, and report differences between two domains and verify proper setup of Active Directory, File Systems, & GPOs. (ADOVE)
- Streamlined the identifying and tracking of all applications delivered by the Agency. (AppInfoList)
- Designed and developed tools to assist in the maintenance and operations of workstation and server builds.
- Redesigned the Alert Messaging system to allow (Xml) messages to be delivered (via Http Sockets) to all workstations in the agency. (CWE Alert)
- Integrated an RSS Reader into the Classification Bar to keep workers informed of significant events.
- Leveraged open standards (Xml and Xslt for reporting) in applications to be reused by others.
- Created an elevated privilege network allowing authorized personnel to make changes to Active Directory without allowing direct access to it. (CARS, DCT)
- Provided operating system level support to developers across the agency.

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## Java/Oracle Developer

(1/03 – 9/03)

Designed and developed JSPs, Servlets, and Java Beans in a J2EE model, to create a top secret enterprise database system supporting the Office of the National Counterintelligence Executive.

## Senior Lotus Notes Engineer

(5/02 – 4/08)

While awaiting security clearance, developed & implemented workflow applications. Was sufficiently successful that other components sought out and started using the software – and it was still in use as of 2010. This project was so successful that the customer later asked for me back so that I could continue to maintain and expand the system.

## **LAMADTECH (SELF-EMPLOYED)**

**JULY, 2001 - APRIL, 2002**

Secured work, managed projects, and developed database applications for various non-profit clients.

## **PRICewaterhouseCOOPERS, L.L.P.**

**JANUARY, 1995 – JULY, 2001**

International Assignment Solutions Group

(5/96 – 7/01)

Led development, developed, designed, implemented, tested, and supported “Resource/WG”— a Lotus Notes application that tracked expatriate tax, payroll and human resource functions. Extended Lotus Notes in a fast-paced environment by programming a Visual Basic calculator that was integrated into the Lotus Notes databases.

- Promoted to Associate (5/96), to Senior Associate (1/99), and to Manager (1/00).
- Managed all Client interactions at Ford, Lockheed Martin, and Raytheon Corporation.
- Designed and coded a Lotus Notes-based currency purchase solution while working in Nepal (10/97 – 2/98).
- Conducted a Change Integration Review to optimize implementation at ExxonMobil.
- Recognized a communications gap in the group and created a newsletter to alleviate it.

## Tax Policy Economics Group

(1/95 – 4/96)

After watching my co-workers struggle with extracting, matching, and formatting company descriptions from multiple databases, developed “Caesar”, an automated transfer pricing product that launched its own technology group and was still used as of July, 2001.

- Using FoxPro, reduced the time to analyze life insurance data from 18 hours to 20 minutes.
- Automated the transfer pricing process to enable analysts to double their work output.

## **EXECUTRAIN**

**MAY, 1993 – NOVEMBER, 1994**

Software Trainer

(5/93 – 11/94)

- Managed my own “business,” scheduling competing offers from different franchises throughout Virginia and beyond.
- Led classes of 2 – 20 students on any given day.

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## **CENTRAL INTELLIGENCE AGENCY**

**MAY, 1991 – JANUARY, 1993**

Documentation Archivist

(5/92 – 8/92, 12/92 – 1/93)

- Originally hired to scan documents, when computers didn't arrive took the initiative created a library of all materials available to the group.

Central Travel Services

(5/91 – 8/91)

- Reduced a two week backlog to zero,
- Increased processing efficiency by redesigning a form.

## **PASTORAL EXPERIENCE**

### **CHURCH OF OUR REDEEMER**

**OCTOBER, 2008 – PRESENT**

Minister to Youth and Families

(10/08 – present)

- Led a group of 4 – 10 teens (6<sup>th</sup> grade & up) in guided Bible study and spiritual formation.
- Planned events to engage the youth's sense of service and fellowship.

### **LONG BRANCH BAPTIST CHURCH**

**OCTOBER, 2004 – JANUARY, 2008**

Senior Pastor

(10/04 – 1/08)

- While working full-time, stayed responsible for 'running the church'.
- Planned services, preached (see sermons online @doverknoll.com), led worship every Sunday.
- Coordinated volunteer members, church operation, & church projects.
- Resolved personal conflicts and provided spiritual support for a church of about 20 members.
- Initiated and coordinated a relief project across three churches, raising \$4000 and collecting more than 200 eyeglasses for Uighurs in Kazakhstan. Visited and oversaw distribution.
- Guided and stayed with the church through an 8-month process for finding my replacement.
- Ordained April 9, 2006.