

Dan Schwister

Dan@DanSchwister.com

Technical Skills

Programming Languages: C/C++/C#, Java/J#, ASP, Perl, Php, Python, Visual-FoxPro, VB6/VB.NET, Linux shell scripts

Databases: Microsoft SQL Server, MySql, Postgres, Oracle, Microsoft Access

Design Tools: Microsoft Visual Studio, Netbeans, Microsoft Visio, ArgoUML, JUnit/NUnit, CVS/SVN/SourceSafe, Microsoft Project, Ivy/Maven, Ant

Other Technologies: XML, XAML, Soap, Client-Server, REST, EJB, Persistence/DLinq/Hibernate/JPA, Network Analysis, Distributed Systems, Application Server

Electrical: Allen-Bradley PLC programming, Ability to Read and Create Electrical Schematics

Security: Basic understanding of application security and security audits, one published security advisory: <http://www.vupen.com/english/advisories/2009/1219>

Experience

October 2007 - Present
Cellcom

Software Engineer II
De Pere, WI

- Worked with a team to maintain and improve bulk data systems for billing
- Used Jboss application server as needed to expose services to front end systems
- Worked primarily in Java and Linux/HPUX shell scripts
- Translated small programs from Cobol to Java
- Restructured large system and implemented final phases of movement away from Cobol System
- Learned details of some Java library implementations to provide performance gains
- Interfaced code directly with outside systems including voice mail, asterisk pbx and external financial systems

August 2005 - October 2007
Repete Corporation

Project/Software Engineer
Sussex, WI

- Led teams of up to five members to produce full-featured industrial automation solutions.
- Effectively managed several high-risk projects in the \$200K range
- Led customer meetings at both domestic and international locations
- Conducted successful meetings in foreign languages using interpreters
- Supported system hardware and software through full product life cycle
- Helped to design next generation automation software supporting s88 protocol

- Developed software tools in C# to help other Engineers and Technicians be more effective
- Authored many custom features and generic fixes for a VB6/VB.NET automation system
- Developed custom PLC programs for Allen-Bradley SLC 500 PLC processors
- Designed basic PLC and manual control panels including complex relay logic

September 2003 - April 2005
Management Information Office, UW-Oshkosh

Programmer/Analyst
Oshkosh, WI

- Designed, implemented, tested and supported several mission critical applications to manage department accounts and billing
- Worked with a team to ensure consistent, high quality software
- Assisted the networking department by creating custom networking and systems management software
- Designed and maintained web programs in a custom portal system
- Performed security testing of web applications after finding major vulnerabilities

August 2000 - May 2002
University of Wisconsin Fox-Valley

Student IT Intern
Menasha, WI

- Provided dynamic web content using C++ CGI programs in a Windows NT 4 environment
- Supported distance education teleconferencing hardware and software
- Took part in troubleshooting of campus-wide networking issues including ISDN and fiber equipment

Education

June 2009 MS from DePaul University

- Software Engineering with emphasis in software development
- Grade Point Average of 3.95

June 2005 Bachelor of Science from University of Wisconsin Oshkosh

- Major in Computer Science, Emphasis in Software Engineering
- Minor in Mathematics