

# Andrew C. Martin

## EDUCATION

**University of Denver, Denver, CO**  
MBA candidate, June 2008

**Colorado State University, Fort Collins, CO**  
B.S. Degree in Computer Science, December 2003

## SECURITY CLEARANCES

**Single Scope Background Investigation (TS/SSBI)**, July 2004 to Present

## TECHNICAL SKILLS

**Languages & Frameworks:** Java, C#, C, C++, Perl, Visual Basic, VBScript, VBA, TCL, Shell Scripting, SQL, HTML, CSS, PHP, JavaScript, Ajax, XML, XSLT, BPEL, .NET, MFC, OpenGL, QT, GTK+, GD, CGI, SSI, ADO, WSH

**Development Tools:** Visual Studio, Eclipse IDE, Subversion, CVS, ActiveBPEL, Ant, UML, Unit Testing, Rational Rose

**Operating Systems:** Unix (Linux, Solaris, FreeBSD), Windows (95/98/2000/XP), Palm OS

## PROFESSIONAL EXPERIENCE

### **Software Engineer, January 2004 to Present**

#### **The Boeing Company, Aurora, CO**

- Designed and developed visual application for analyzing spacecraft attitudes.
- Managed the deployment and configuration of enterprise service bus for SOA prototype.
- Created BPEL processes to orchestrate web service invocations as part of a proposed architecture for configuring software-defined radios.
- Maintained, enhanced, and documented database-driven telemetry processing applications written in MFC.
- Developed GUI frontends to legacy Fortran applications in C#.
- Migrated 16-bit Windows applications to latest version of Microsoft Visual Studio.
- Developed VBScripts to automate system administration tasks.

### **Independent Game Developer, July 2003**

- Developed a board game for the Palm OS and Java platforms. Received over 50,000 downloads.

### **Database Application Developer, May 2001 to December 2003**

#### **Colorado Climate Center, Fort Collins, CO**

- Designed and developed a system to dynamically store, process, and graph data from dozens of weather stations throughout Colorado.
- Migrated existing operations from a flat file system to a relational database (MySQL).
- Worked with clients to implement compatibility and feature requests.

### **Computer Lab Assistant, August 2000 to December 2003**

#### **College of Natural Resources, Fort Collins, CO**

- Worked with students to troubleshoot software and printing issues on Windows and Solaris.
- Supported Microsoft Office, IE, Netscape, and other COTS software.