

## **Curriculum Vitae of Daniel A. Joseph, Ph.D. - Summary Page**

- **Keywords:** ABAP, business processes, C#, COBOL, data modeling, database, expert witness, FORTRAN, HTML, MM, PL/SQL, PP, product configuration, project management, Project System, programming, PS, requirements analysis, RFID, SAP, SAP configuration, SCM, SD, SOA, testing, SQL, system architect, systems analyst, T-SQL, UML, variant configuration, web, web flow engine, workflow.
  
- **Skill Set:**
  - ✦ **Database:** T-SQL, PL/SQL, Data Modeling, ACCESS, & SQL Server & Oracle DB Conversion/Creation.
  - ✦ **Programming:** ABAP, .Net C#, COBOL, Pascal, BASIC, VB, FORTRAN, and HTML – it takes me about 2 weeks to learn a new language.
  - ✦ **Selected Software:** Microsoft Office Suite 2007; MS Project; Visual Studio; MVS JCL; SQL Server; Oracle DB & Developer; IBM WebSphere Business Modeler; Macromedia Developer Suite; Rational Rose Professional (UML) ; SAP R/3; and more.
  - ✦ **Project Management:** Project Estimation & Project Management Using MS Project.
  - ✦ **Development:** *All aspects*, including Requirements Analysis, Process Design/Reengineering, UML, Rational Rose Professional, understand Networking, Computer, and OS technologies well. SEPG (CMM) member – helped implement CMM-2 & CMM-3 at Eastman Kodak Company.
  - ✦ **Teaching:** *Virtually every aspect of Software Development and Configuration at MIS Undergraduate & MBA levels* , including Project Management; Systems Analysis & Design (UML & Procedural); Several Programming Languages; SAP Configuration; Workflow; Networking Technologies; Computer & OS Architectures; and more . Also taught Strategic Management, and Economics.
  - ✦ **SAP R/3 Modules:** MM, PP, SD/Variant Configuration, PS, ABAP, Web Portals, and Workflow.
  - ✦ **Certification:** SAP-Certified ASAP Implementation Methodology Consultant (S0001189554)
  - ✦ **Legal Expert Witness:** Provided technical advice, evaluated project management & training practices, and searched for and identified all RICEFW & Variant Configuration associated with a fully-implemented R/3 6.0 system with all modules in use. Report was written and deposition was made for Plaintiff. Case involved theft of a complete, leased R/3 system that was developed for Defendant. Result: 7-figure out-of-court settlement in our favor. **Industries:** ✦ Manufacturing ✦ Banking ✦ Insurance ✦ Health Insurance ✦ Higher Education ✦ Engineering ✦ Software ✦
  
- **SAP Americas' Training (>64 days):** ✦ PP ✦ ASAP ✦ 25 days of ABAP/4 ✦ PS ✦ B2B ✦ I DES organization and use ✦ IMG configuration for manufacturing companies ✦
  
- **Academic Degrees:**
  - ✓ **Ph.D.** (Management Information Systems; Minors in Computer Science & Organizational Behavior),
  - ✓ **M.B.A.** (Business Administration),
  - ✓ **M.A.** (Economics),
  - ✓ **B.S.** (Commerce).
  
- **Demonstrated capability for rapidly learning** new technologies, business processes, & concepts.
  
- **Excellent Communication, Presentation, & Interpersonal Skills:**
  - 11 published articles relating to Systems Analysis. Also several legal and consulting reports.
  - Over 20 years' full- or part-time teaching at graduate & undergraduate levels and as well as professional workshops.
  - Reputation for being able to quickly establish rapport with clients/users and rapidly become a contributing member of project teams.

## Daniel A. Joseph, Ph.D.

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### Professional Experience:

**College of Business, Rochester Institute of Technology, NY**  
**Associate Professor of Management Information Systems**

**Sep '84 – Jun '10**

- Developed over 15 graduate/undergraduate courses, 5 certificate programs and implemented, maintained, and evolved the MIS program • List of courses developed and taught appear at end of this section • Served on College-wide Curriculum Committee, Tenure & Promotion Committee, and other College committees as well as Institute-wide committees •
- Taught courses to undergraduate MIS majors and MBA students: SAP R/3 Configuration; Project Management, Systems Analysis & Design, UML, Programming, Web Site Development, Networking, OS, & Hardware Technologies; DBMS – T-SQL, PL/SQL, & Data Modeling; Decision Support & Expert Systems.
- Technical Lead for SAP R/3 3.1g installation.
- Configuration of SD, PP, MM, MRP, FICO for three small manufacturing companies (products: Candy Bars; Yoyos; & Ball Point Pens. Including installation of Chart of Accounts; configuration of all materials, routing sheets, and BOMs; configuration of Inquiry-to-Cash, Purchase-Request-to-Pay, and Build-to-Ship; configuration of vendors, vendor tolerances, sales representatives, users, etc.
- Development of workflows using Webflow Engine & HR module.
- Development of portal content, including web-based iViews, SAP iViews, & News Feeds.
- Troubleshooting for configuration problems created by students as they implemented R/3 configurations.

**Daniel A. Joseph, Ph.D., LLC, Pittsford, NY**  
**Client List:**

**1987 – Present**

- **Savitas Strategic Software Solutions LLC, NY, NY** **May '09 – Present**  
**T-SQL scripting** for SQL Server Conversions involved with implementation of Insurance Industry Applications.
- **eLogic Group, LLC, Pittsford, NY** **Jan '08 – Jun '08**  
**Variant Configuration (LO-VC/SD)** (Over 900 hours) **Dec. '08 – Jan '09**
  - Completed SAP R/3 v 7.0 Variant Configuration project including constraint/dependency modeling, KMAT & Super BOM Definition; knowledge base/runtime version generation, ALE to new client, and Functional Acceptance Testing (FAT1&2).
  - Worked in SD & MM modules.
  - Contact: Lawrence Matusek (eLogic); Andrew Kendall (Sage Software).
- **Henry, O'Donnell, Dahnke & Walther, P.C., Fairfax, VA.** **Dec '07 – May '08**  
**SAP Expert** (Over 270 hours)
  - Discovery and evaluation of all the RICEFW and variant configurations (over 1,200 materials combined with 110 furniture frames) in an R/3 6.4 instance with all modules implemented in support of a large furniture manufacturer.
  - Marquette Equipment Finance, LLC v. Rowe Fine Furniture, Inc., et al. Case No. 1:07-cv-00676-LO-TRJ. United States District Court for the Eastern District of Virginia, Alexandria Division.
  - Contact: Joel Dahnke, Esq.
- **Computer Task Group (CTG), Amherst, NY** **Jul '01**  
**SAP Support Service**
  - Provided advice regarding Integrated Business Systems support to a team of executives involved in the design of a new CTG service.
- **Eastman Kodak Company, FAST Team - ERP, Rochester, NY** **May '99 – Nov '99**  
**SAP Training Design**
  - 6 months developing training for ABAP programmers.
  - Provided advice regarding course organization for proposed in-house SAP Production Planning/Workflow Design & Build courses.

- **Gillespie Associates, NY** **Jul '99**  
**SAP Training Sales**
  - Specialists in Training People, Improving Performance, and Implementing Change. 25 Park Avenue, Rochester, NY.
  - Helped negotiate SAP training contracts.
  
- **MicroText. Rochester, NY** **May '01 – Mar '02**  
**Chief Technical Officer**
  - Provided technical advice to start-up offshore engineering services group at Lennox Center Business Incubator - software engineering applications, embedded systems, etc.
  
- **The Knowledge Company, Fairfax, VA.** **Jan '01 – Sep '01**  
**Expert Witness**
  - Expert Witness for Immigration and Naturalization Service H1-B Visa applications.
  - Evaluated work experience of personnel involved in MIS activities.
  
- **Maniteck Pump Services** **May '98 – Nov '00**  
**Web/Business Design**
  - An Internet-Based (www.Maniteck.com) Request for Quotes/ Classifieds service catering to businesses with annual revenues up to \$500 million and dealers in the Pump industry. Used HTML 2.0 forms.
  - Responsibilities included: technical interface with vendors; strategic planning; product design, and general management of the site.
  
- **Eastman Kodak Company, NY** **May '98 – Jun '99**  
**Process Improvement - CMM SEPG**
  - Worldwide Information Services, Global Apps, Rochester, Full-time member of Kodak's Software Engineering Process Group (SEPG) for summer 1998 and academic year 1999 (Faculty Intern), focus was on software process improvement.
  - Specifically, helped bring one unit to CMM Level 2 and another from CMM-2 to CMM-3. Job continued two to four days each week between September 1998, and June 1999, through Adecco consulting agency, Rochester, NY.
  
- **Stickley Furniture Company, Manlius, NY** **Aug '97 – Sep '97**  
**IT Department Assessment & Reorganization**
  - Evaluated MIS organization and recommended reorganization of the department, establishment of a Steering Committee, training plan for personnel, and development of a system for tracking project effort to help improve future estimation activities.
  - Recommendations were adopted.
  - Helped find a new CIO for the company.
  
- **Erie County Crisis Services, Buffalo, NY** **Mar '97 – Sep '97**  
**LAN Development**
  - Helped design a local area network to support this social service agency.
  
- **World Business eXpress (WeBX), Canandaigua, NY** **Nov '95 – Oct '96**  
**Web Site Design**
  - Designed and developed an interactive Internet Business on the World Wide Web using HTML 1.0.
  
- **HCR Corporation, Rochester, NY** **Oct '95**  
**Database Conversion**
  - Converted files from dBase to proprietary system format using UNIX utilities.
  
- **Integrated Marketing Systems, Inc. Buffalo, NY** **Jan '93 – Apr '93**  
**System Analysis & Programming**
  - Designed/implemented application using Microsoft Access to support customer satisfaction analysis for Waste Management Corporation.
  - Subcontracted through Marketing Research located in Chicago, Illinois.
  
- **Consler Filter Corporation, Honeoye Falls, NY** **Nov '92 – Jun '93**  
**System Analysis & Programming**
  - Reengineered front office activities at this filter manufacturing company.
  - Helped improve its use of SYMIX (job shop production management software).

- **Eastman Kodak Company, Rochester, NY** **Sep '90 – May '91**  
**Production Process System Analysis**
  - Led team in IDef-0 analysis of through-hole board electronics assembly and prototype development processes in effort - reduce cycle-time.
- **Raymond Corporation, Greene, NY** **Feb '87 – May '87**  
**Class A MRP-II System Analysis**
  - Evaluated manufacturing problems and recommended a solution that brought this organization to Class-A MRP II status.

**Canisius College • SUNY University @ Buffalo • Buffalo State College • Niagara County Community College.** **Sep '80 – Aug '84**  
**Instructor of Management Information Systems**

- Taught: Data Structures; DBMS; COBOL; Pascal; FORTRAN; IT; Systems Analysis & Design; Business Computing; Business Strategy; Macro/Micro Economics & Money & Banking - full-or Part-time while working toward my Ph.D. Degree.

**M&T Bank, Williamsville, NY** **Jun '79 – Sep '80**  
**Senior Systems Analyst (Development Team Leader).**

- COBOL MVS Environment - included training on the Hogan Bank Transaction Processing System in Dallas.

**Blue Cross of Western New York, Buffalo, NY** **Jun '78 – Jun '79**  
**Programmer/Analyst**

- Systems Development, Programming, & Analysis in a COBOL/IMS/MVS environment.

#### **Education & Training:**

**Ph.D.** (Management Information Systems. Minors: Computer Science & Organization Behavior). School of Management, University at Buffalo, The State University of New York. **1985**

**M.B.A.** (Business Administration), School of Management, University at Buffalo, The State University of NY.

**M.A.** (Economics), State University at Albany, NY.

**B.S.** (Commerce), Niagara University, Niagara University, NY.

Certification: **Certified SAP ASAP Implementation Methodology Consultant** (Cert. number available on request). **2000**

#### **SAP R/3 & IBM WebSphere Training (64 days):**

- Project System (PS) course with access to R/3 7.0 client for practice and extension of knowledge and additional work. Created a Project with Work Breakdown Structures (WBS) & Network Activities, Project Plans with Easy Cost Planning and Project Planning Board, and Requisitions and Purchase Orders for WBS; Ran Settlements and Project Reports; executed Final Settlement.
- SAP R/3 IMG Configuration (10-Days – implemented 3 small manufacturing companies) (SAP University Alliance).
- Business Workflow. Introduction. (2-Day course) (BC600 - 4.6A); Build & Use. (5-Day course) (BC601 - 4.6A); Programming (3-Day course) (BC610 - 4.6C).
- NetWeaver Introduction (2-Day course) (SAP University Alliance) .
- Business to Business Procurement (3-Day course.) (ECO210 - 4.5).
- Manufacturing Planning and Execution (5-Day course.) (LO050 - 4.0A) Level-2 overview of the R/3 Production Planning Module.
- ABAP Development Workbench (18-day Partner Academy course) (PABC40 - 3.1h) ~ Basis Technology Overview ~ Introduction to ABAP Development Workbench (ADW) ~ ABAP Dictionary ~ ADW Reporting ~ Custom Developments ~ ADW Dialog Programming ~ ADW Data Interfaces ~ Enhancement and Modifications ~ ADW Communications Interfaces ~
- Managing ABAP Development Projects (2-Day course) (MBC40 - 4.0A).
- Developing ABAP/4 Internet Applications (5-Day course) (BC440 - 4.0A).
- ASAP SAP R/3 Implementation Methodology; ASAP Tools; ASAP Tools in Detail; Advanced Customizing Tools. (5-days altogether).
- IDES System Organization & Use (3-Day course) (SAP University Alliance).
- IBM WebSphere Introduction (1-day course).
- IBM WebSphere Business Modeler (30-hour self-paced, programmed instruction course) (IBM Academic Initiative).

#### **Software Development Process Improvement, Measurement, & Quality Training:**

- Personal Software Process. Forty-hour course, with 150 hrs of homework, taken at the Software Engineering Institute (SEI).

- Understanding Enterprise Architecture & Enterprise Architecture Implementation Strategies. (4-Day course presented by John Zachman & Stan Locke).
- Reverse Engineering using Cyclomatic Complexity Analysis (McCabe's three-day course).
- IDef0: A Tool and Process for Analyzing Manufacturing Systems, (two-day course).
- Software Measurement and Estimation, Four-day course presented by Capers Jones.
- E-Business Workshop. (2-Day course) seminar sponsored and presented by Arthur Anderson Consulting & IBM eBusiness Solutions. Focus was on planning and implementing Internet-based businesses.
- aimware Deployment. 20-hour course focused on the implementation of aimware, a process asset repository.
- Team Building. One-Day course presented by Eastman Kodak's Development Center.
- Managing Change. Two-day course in change management presented by Eastman Kodak.
- Motorola TQM University Challenge Program, Five-day TQM workshop.
- Quality, Productivity, and Competitive Edge: A four-day seminar presented by Dr. W. Edwards Deming.

#### **Networking Technologies and Hardware Training:**

- Microsoft Networking Essentials. Self-paced study module from Microsoft.
- Administering Windows NT 4.0. 4-day, Instructor-Led, Ziff-Davis course.
- Supporting Microsoft® Windows NT 4.0 - Core Technologies. 5-day, Instructor-Led, Ziff-Davis course.
- Internetworking with TCP/IP. CBT course in Internet protocols.
- Networking Technologies. Forty-four hour undergraduate course at RIT.
- Novell Netware. Systems Administration; Advanced Systems Administration.

#### **List of specific courses I have taught:**

- MIS Project Mgt. with MS Project
- Systems Analysis & Design
- UML w/ Rational Rose Professional
- SAP R/3 Business Processes
- ERP (SAP R/3) Implementation
- SAP R/3 Workflow Design
- Data Structures
- Macroeconomics
- Microeconomics
- Presented Workshops to Executives: list available on request
- Database Management Systems (Data Modeling w/ ERD; SQL; PL/SQL; Oracle DBMS; MS Access)
- Networking Technologies
- Computer & Operating System Architectures
- Introductory & Advanced BASIC, COBOL, FORTRAN, & Pascal
- Decision Support & Expert Systems
- Software Quality Metrics & Testing
- Money & Banking
- Consumer Economics

#### **Research, Presentations, Lab Designs, & Service Summary**

##### **Work in Progress:**

- 1 article in-progress focused on Service-Oriented Architecture (SOA) implementation.
- 2 articles in-progress dealing with consumer attitudes toward RFID use in General and Healthcare Services in particular.

##### **Articles published in Refereed Journals:**

- 2005 Strategic Predictors of Successful Enterprise System Deployment, *The International Journal of Operations and Production Management*, September 23, 2005. Co-authored with John E. Ettl, Victor Perotti, and Mark Cotteleer.
- 1991 Establishing a Personal Computing Laboratory for a College of Business, *Journal of Computer Information Systems*, Fall 1991. Co-authored with Terry L. Dennis. (3 blind reviews)
- 1989 PC Data Security, *Business*, April 1989. Co-authored with Terry L. Dennis. (2 blind reviews)
- 1988 A Study of the Effects of Three Commonly Used Software Engineering Strategies on Software Enhancement Productivity, *Information and Management*, Winter 1988. Co-authored with Robert P. Cerveney. (5 blind reviews)
- 1986 Large Business Organizations Use of PC Technology, *Journal of Systems Management*, Vol. 37, no. 6 (June 1986). Co-authored with Robert P. Cerveney. (3 blind reviews)

### **Chapters in Scholarly Books**

- 2005 Discipline-based Scholarship, Equal Author, "IT-Supported Productivity: Paradoxes and Resolution in R&D," in Bendoly, E. and Jacobs, R.F. (Eds.), **Strategic ERP Extension and Use**. Co-Author with John E. Ettl, September 5, 2005.
- 1997 *The Management Scientist*. Published by the West Publishing Company, St. Paul, Minnesota. Version 4.0, 1997. Co-authored with D. R. Anderson, D. A. Sweeney, and T. A. Williams. Manual included.

### **Co-Authored Commercial Software (All Written In Basic/MS Assembler):**

Published by the West Publishing Company, St. Paul, MN

***The Management Scientist (Software & Manual)*** **1988-97**

- Versions 1.0 - 4.0. Co-authored with D. R. Anderson, D. A. Sweeney, and T. A. Williams.

***The Data Analyst: A Microcomputer Software Package (Software & Manual)*** **1986-96**

- Versions 1.0 - 4.0. Co-authored with D. R. Anderson, D. A. Sweeney, and T. A. Williams.

***Decision Support Software/Production and Operations Management (Software & Manual)*** **1995**

- Version 1.0. Co-authored with Laurie & Terry E. Dennis.

### **Conference Papers**

- 1997 Do Structured Development Methods Improve Productivity On Software Maintenance Projects? *Proceedings of the National Meeting of the Decision Sciences Institute: San Diego, California*. November 1997. Co-authored with Robert P. Cerveney and G. Lawrence Sanders.
- 1989 A Study of the Efficiency of Structured Software Development Techniques, *Proceedings of the National Meeting of the Decision Sciences Institute: New Orleans, Louisiana*. November 1989. Co-authored with Robert P. Cerveney.
- 1986 An Investigation into Factors Affecting the Implementation of Personal Computing Technology, *Proceedings of the National Meeting of the American Institute for Decision Sciences: Los Vegas, Nevada*. November 1986. Co-authored with Robert P. Cerveney.
- 1983 Application Architecture and Technologic Efficiency: A Comparative Study of Computerized Bank Transaction Processing Systems, *Proceedings of the Annual Meeting of the Northeast Region of the American Institute for Decision Sciences: Philadelphia, Pennsylvania*. April 1983. Co-authored with Robert P. Cerveney and Edwardo L. Rhodes.
- 1983 The Relationship Between Computer-Based Information Systems Support Efforts and the Hostility Dimension of the External Environments of Organizations: A Proposed Study, *Proceedings of the National Meeting of the American Institute for Decision Sciences: San Antonio, Texas*. November 1983. Co-authored with Robert P. Cerveney.

### **Conference participation and workshops**

- 1992-4 Japan Productivity Institute program at SUNY Buffalo, New York. Presented one-day seminars to executives from Japanese Corporations.
- 1996-8 Samsung, Inc, Seoul, Korea. Presented seminars at SUNY at Buffalo, New York to four groups of MIS executives from the Samsung Corporation. Topics included Process optimization; Capability Maturity Model; use of metrics in IT management, systems design, programming, and testing.

### **Organizations:**

- **Founder/Board Member, Central & Western NY chapter of Americas SAP Users' Group (ASUG).** **Sep '99 - Present**

### **Institute & College Committee & Service Summary:**

- Configured/implemented several networked computer labs at Rochester Institute of Technology, including software & hardware specifications and physical layout.
- College-wide Curriculum, Tenure & Promotion, Technology, and other committees.
- Chairman, Technology and Tenure & Promotion Committees.
- Member, Institute-wide Faculty Affairs Committee and external member of Tenure & Promotion Committees of other Colleges at R.I.T.