

Steven Meyers

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WORK EXPERIENCE

Founder/Chief Technical Officer, Software Process Group, Inc., Los Angeles, CA

July 2004 – Present

- SPG's mission is to help organizations effectively adopt software development best practices, Risk Driven Spiral Model, Value Based Software Engineering, and Software Process Reuse. SPG has created the SpiralPro™ software product that allows project managers to rapidly deploy a software plan best suited to their specific project needs with task sensitive process guidance.
- Responsible for product design, development and implementation, technical marketing, fundraising, and customer support.

Research Assistant, USC Center for Software Engineering, Advisor Barry Boehm, Los Angeles, CA

May 2002 – Jun 2004

- **Project Manager, NASA HDCP USC SCROver Testbed Research**
 - Designed an initial version of a software engineering testbed to be used in defining, assessing, and achieving dependability in NASA mission software as part of the High Dependability Computing Program (NASA HDCP).
 - Risk assessment and mitigation following the JPL Defect Detection and Prevention (DDP) process. Worked with Dr. Cornford and Dr. Feather in developing an ongoing risk profile for strategic decision making.
 - Other responsibilities included, UML designs, interfacing with the JPL Mission Data System (MDS) team, and semi-annual presentations to the HDCP oversight committee.
- **Project Coordinator, NSF Experience Management Systems (EMS)**
 - Coordinate research effort in exploring techniques for storing, accessing, and utilizing empirical knowledge. Organized the collaboration of CSE and outside research projects with the EMS group.
- **Presenter, Project Management/Microsoft Project tutorial, CSCI577 Software Engineering I**
 - Created and presented the Project Management/MS Project lecture for the graduate software engineering course CSCI577

Senior Software Architect, Voci Corporation, Campbell, CA

July 2001 – Sep 2000

- Voci Corp. built and managed computer automated call centers using voice recognition. Applications were developed using an Edify on the Microsoft NT and Unix platforms.
 - Managed the development and maintenance of the Voci call center order fulfillment and accounting system. Lead development, QA, and transcriber teams and worked with the Professional Services rep. in defining and managing customer billing and fulfillment systems.
 - Constructed software applications used for the fulfillment, transcription and reporting of call center data. Languages used include, UML, Java, C++, Visual Basic and SQL.

Developer Lead - Professional Services Division, Network Commerce Inc., Seattle, WA

Sep 2000 – Mar 1999

- Led development of e-commerce websites. Responsible for requirements determination, project planning, architectural design, team management and software development. Team sizes were 6 to 8 developers.
 - Site functionality included membership, advanced search, persistent basket, advertising, traffic reporting, and fulfillment.
 - Sites developed on Solaris platform, using UML, iPlanet, Oracle 8.5, Java, and BroadVision or Interworld.

Software Engineer - Critical Path Technical Services, Inc., Redmond, WA

*Mar1999 –
May 1997*

- Programmer of Project Executive™ a Web based project management solution that allows MS project files to be viewed and updated over the internet. Worked in a 3-4 person teams utilizing MS-Project API, ActiveX, and MS-SQL.
- Programmer of Lucent Technologies call center sales estimating utility. Sole developer/maintainer of an Excel/VBA program used by the Lucent sales force in determining the type and parameters of the customers call center system.
- Programmer of a Benefit Management System for the insurance industry. Real time benefits management and accounting system written in MS Visual Basic that was based on a three layer OSI model. Worked on a three person team, my primary role was developing the application layer.

Software Engineer - VIEWnet, Inc., Madison, WI

*May 1997–
Oct 1995*

- Designed and developed InterVIEWtm and PsychVIEWtm – Was the sole developer of two windows based video-conferencing applications written in Visual Basic on top of Intel ProShare™ technology. These applications provided HR personal and psychologists the ability to conduct interviews and administer examinations without needing to be in the same location as the applicant. The examinations were electronic versions of standardized psychological exams and adhered to the testing regulations required by the accrediting body.

EDUCATION

- Master of Science in Computer Science with specialization in Software Engineering, **University of Southern California-Viterbi School of Engineering** *May 2004*
- Bachelor of Science in Computer Science, **University of Wisconsin-Madison** *June 1996*

CONFERENCE PUBLICATIONS

- "Process Elements: Components of Software Process Architectures," J. Bhuta, B. Boehm, S. Meyers, at the Software Process Workshop (Pre-ICSE 06 conference) *May 2005*
- "SpiralPro: A Project Plan Generation Framework and Support Tool", Jizhe Wang, Steven Meyers, at the Software Process Workshop (Pre-ICSE 06 conference) *May 2005*
- "Using Empirical Testbeds to Accelerate Technology Maturity and Transition: The SCROver Experience," B. Boehm, S. Meyers et al, IEEE/ACM International Symposium on Empirical Software Engineering 2004 *Aug 2004*

SKILLS

Software Project Management

- UML, Spiral Model Process, Personal Software Process (PSP)