

# Mike Forster

## Mike Forster

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### > Summary

34 years successful technical experience - 24 Defense, 10 commercial consulting, professional services:

**Knowledge Management;**

**Project and Functional Management;**

**Software Systems Engineering;**

**Software Architecture, Engineering, and Development.**

### > Knowledge Management and Process-Related Roles

**Chief Knowledge Architect**, Atomica, 2001-2003 (aka answers.com, originally GuruNet).

**Deputy Program Manager for Knowledge Management**, CSC Consulting, 1999-2000.

**CASE Program Manager**, ESL, 1986-1990.

### > Lockheed Martin IS&GS – San Jose, 2003-present

#### **Systems Engineering Manager / Advanced Systems**

Functional manager for up to 30 Systems Engineers, primarily for networking and communications.

Quick-turnaround proposal support, acting team lead. Hiring, staffing, office planning, and other functional management for myself and up to 5 other managers; selecting and hiring dozens of engineers, often in a quick response mode. Developed an extensive Discrepancy Reports metrics reporting and charting Excel application. Developed an Overtime metrics reporting Excel application.

#### **Software Engineering Manager / Information Management**

Second-level manager for a department of 2 units and 35 engineers, primarily focused on information and data management, large-scale database applications, data architecture, knowledge management, and related disciplines.

#### **Chief Software Engineer, IM&S, 2005-Present (proposal)**

Led the software engineering team, including requirements analysis, software estimation, proposal authoring, developing the software development plan and related documents, and program planning and staffing.

#### **Chief Systems Engineer, Yukon, 2003-2005 (IRAD, proposal, program)**

Led the systems engineering team, including requirements management, ICD development, system architecture, performance engineering, and including some software architecture, for a 900TB archive relational database.

Awards: 3 Special Recognition Excellence Awards (\$1500 to \$3000), 3 SPOT Awards (\$150 to \$250).

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> Atomica Corporation (aka answers.com, GuruNet), Burlingame, California – 2001 to 2003.

**Chief Knowledge Architect** (in Professional Services): Analyzed customer knowledge bases for integration into the Atomica topic-based toolset; designed and implemented information integration and user interfaces for customer projects.

> Inventa Technologies, Inc., Redwood Shores, California - 2000

**Project Management Office (PMO) Manager:** Reviewed proposals and projects for quality and risk; advised proposal and project teams, providing materials and guidance to assure success; prepared reusable proposal and project templates and other support materials; developed review criteria and standards with Finance and Legal teams.

> CSC Consulting Group, San Bruno, California - 1994 to 2000

**Principal Consultant**, including the following roles:

Deputy Program Manager of the CSC Knowledge Management Program.

Project manager and interim IT manager for Sun Microsystems, including architecture and systems planning for 90 servers, some used for data migration; and managing 15 SAs, DBAs, and CM specialists.

Project manager for an IT assessment for AutoDesk.

Organization change architect for a major IT effort at Siemens.

> ASK Manufacturing Systems, Santa Clara, California - 1993 to 1994

**Project Manager and Software Analyst & Designer.**

> Loral Western Development Labs, San Jose, California - 1990 to 1993

**Software R&D Supervisor and IR&D Principal Investigator:** Managed a section of 14 very senior to junior software researchers and engineers, with an annual budget of \$2.3M. Planned, managed and met IR&D schedules and budgets up to \$500K per year. Led the architecture and prototyping of advanced applications. Delivered over 50 prototype demonstrations, presentations and discussions. Senior contributor to multiple proposals, including software architecture and advanced technologies.

> ESL (TRW), Sunnyvale, California - 1981 to 1990 - Manager and SW Engineer.

> Control Data Corporation, Sunnyvale, California - Senior Programmer / Analyst

> SRI International, Menlo Park CA - Computer Applications Analyst

> TRW, Redondo Beach, California - Programmer / Analyst

## *EDUCATION*

University of Southern California, Los Angeles, California.

M.S. Computer Science, 1974.

B.A. Mathematics, 1971.

## *CLEARANCES*

SCI active.