

## Tom Gaskins

*Patrick Hogan Note: Tom Gaskin has been performing as the Technical Director for the NASA Learning Technologies Project since last year. Prior to this experience he was managing large projects for Hewlett Packard and Sun Microsystems, as well as sole author of computer graphics publications by O'Reilly and Associates <http://www.oreilly.com/>*

**Qualifications:** Successful project and program manager for commercial software products. Technically strong and knowledgeable yet able to lead others of all abilities. Excellent planning and software lifecycle skills. Good people manager and proactive leader; sensitive to needs of team members. Effectively managed geographically distributed teams and cross-functional teams. Outstanding professional communicator. Published author of two technical books. Excellent public speaker and compelling product/technology advocate. Adept at working with customers in all phases of product specification and lifecycle. Major external-partner collaboration and contract supervision experience. Adaptable and flexible. Direct and honest.

### Professional Experience

**April 1999 – November 2003:** *Software Development Manager for Hewlett-Packard Company.* Led a team of 12 software engineers in the specification, design and development of multi-platform web-services software, most recently UDDI servers and tools. The team creates software for HP-deployed web services and for deployment by customers. We built, deployed and currently manage HP's public UDDI business registry. This registry replicates data automatically with similar UDDI nodes at IBM, Microsoft and SAP. The team has also delivered three progressively enhanced customer releases of HP's Web Services Registry product for deployment by customers. I represented HP in the UDDI specification development process, in the multi-company team that planned and executed the deployment of the public UDDI Business Registry, and I worked with customers to gather requirements and explain the project and technology. I successfully initiated, advocated and supervised the UDDI program within HP, and managed it through all phases of its product lifecycle.

**June 1998 – March 1999:** *Software Project Manager for Hewlett-Packard Company.* Led a six-person software development team in the specification, design and implementation of print-centric web services. The team designed several prototype systems, including one for local customization and printing of promotional material via the internet. I worked closely with customers on requirements and solutions.

**April 1996 – May 1998:** *Lead software engineer for Hewlett-Packard Company's Large Scale 3D Visualization Project.* Led the software design and supervised the implementation of software to interactively visualize complex assemblies too data-intensive to visualize with existing technology. Met with customers to gather requirements and explain the technology, and with researchers to assess technologies. I also led a small, separate team to create a VRML web browser product.

**November 1988 – March 1996:** *Consultant and contract-based software developer for Tom Gaskins Software, Inc.* Developed 3D graphics software, primarily for Sun Microsystems, and represented Sun in ISO and ANSI graphics standards committees. Wrote and published two well-received technical books on 3D graphics for O'Reilly and Associates. Developed and presented several courses on 3D graphics.

**April 1985 – October 1988:** *Software engineer for Sun Microsystems.* Designed and developed 2D and 3D graphics software products. Successfully delivered several versions of two products, and was involved from conception to release and beyond.

**Education:** B.S. Mechanical Engineering (Honors, Applied Mathematics focus), University of California at Santa Barbara.