

Summary of Work Experience

3D Designer, Content Developer, and Lead with more than 15 years of experience creating computer graphics, visualizations, and training simulations utilizing the latest graphic tools and gaming technologies.

- Expertise with design, content production, and the content pipeline leveraged to develop and document the processes to deliver solutions within different workflows.
- Experience ranging from 2D to 3D graphic development, real-time simulations to rendered animations, and marketing and proposal materials to work-flow and management processes.
- Project leadership, task management, and key development roles for many diverse projects:
 - Highly interactive task training simulations for the U.S. Department of Defense
 - Immersive marketing simulators and animations for Fortune 100 companies
 - Architectural visualizations projects for Fortune 100 companies
- Strategic contributor and core member of a multi-disciplinary team responsible for the development of software architectures used in producing E-Learning and simulation-based training applications.

SPECIALTIES: Design Conceptualization, Strategic Planning, Task Management, Team Leadership, Design Process, Simulation Training, E-Learning, Game Technologies, Immersive Worlds, Production Processes, Research and Design, Problem Solving, Trouble Shooting, 2D and 3D Computer Graphics

Professional Experience

OFM, Inc., Holly Springs, North Carolina

2015 – Present

CGI Manager

Establish production processes as well as directly support the company's sales cycle through the development of 3D furniture models, room scenes models, and their rendered outputs that provide our sales partners with high quality marketing assets. Employ 3D scanning technologies to facilitate the in-house and out-sourced creation of 3d model resources in multiple resolutions. Leverage assets in photorealistic renderings in addition to Virtual Reality (VR) and Augmented Reality (AR) real-time rendering. These assets are also re-purposed for use in our partner's space planning and interior design software products. Contribute to product development and design through 3D visualization.

NuView Design, Raleigh, North Carolina

2014 – Present

Owner

Provide graphic and design development services applied across a variety of market sectors including simulations, visualizations, serious games, web and mobile applications. Using iterative and agile processes, NuView Design delivers innovative, insightful, and valuable services that allow the target users to experience products, spaces, and features in the earliest phases of a development life cycle.

CAE USA, Inc., Durham, North Carolina

2011 - 2014

Graphics Lead

CAE acquired RTI's center, Technology Assisted Learning (TAL), and it became Ground Training Solutions (GTS). Job responsibilities remained the same as those while a part of RTI. Those responsibilities include: Graphics and Technical Lead for the graphics group in GTS; project estimating and planning; requirements definition; solution conceptualization; development of the content creation and management processes; task management; production of interactive graphics assets. Demonstrate proficiency in a range of mediums, software tools, and processes related to graphics production and project management. Role includes researching, testing, and implementing the latest software, hardware, and techniques to maintain cutting-edge services and technologies focused on simulation-based learning applications.

Merino Properties, Raleigh, North Carolina**1994-Present****Co-Founder**

Successfully acquire, maintain, and manage various rental properties ranging from multifamily homes to single family homes. Utilize the 1031 tax deferred roll over mechanism to reinvest equity back into the properties. Apply design and building skills to update and renovate the properties. Utilize marketing and business skills to keep the properties rented with little vacancy. Brokered the sales and acquisitions of properties utilizing "For Sale By Owner" techniques, rolling them over into new investments.

RTI International, Research Triangle Park, North Carolina**1996 - 2011****Research Graphics Engineer II**

CAE acquired RTI's center, Technology Assisted Learning (TAL), and it became Ground Training Solutions (GTS). Refer to the position, CAE USA, Inc. - Graphics Lead for the job description.

NxView Technologies, Inc., Cary, North Carolina**2000****Graphics Production Manager**

Created management and development process for the creation of computer models for use in 3D web-enabled e-commerce solutions. Managed both local and offshore development team. Role included designing, costing and managing customer solutions. Contributed in researching, testing, and implementing the latest software, hardware, and production techniques to facilitate growth into new markets.

Graeber, Simmons, & Cowan, Inc., Austin, Texas**1993 – 1996****Computer Animator**

Created virtual architecture used in the development of computer renderings, animations, and multimedia productions. These exhibits supported design conceptualization, development, visualization, and marketing. The work required a proficiency in a multitude of media ranging from videotape to self-running and interactive multimedia computer graphics. Managed personnel, provided training, assisted in network management, and provided strategic planning for computer use and software development.

HONCAD, Honolulu Hawaii**1989 – 1993****Multimedia Specialist**

Proficient with a multitude of computer software packages, hardware configurations, and operating systems so that they could be demonstrated to support sales of high end graphics systems. Performed installations, provided training, and support to the end users of the HONCAD product line. Maintained and established new business relationships with customers by way of price quotations and product research. Provided computer animation and visualization services, frame accurate taping services, and desktop publishing for marketing purposes.

Software Skills and Technologies

3DS Max	OpenSceneGraph	InDesign	Audition	VS Code	AirTable
MaxScript	Terragen	Illustrator	Audacity	Notepad++	Windows 10
Blender	AutoCAD	Bridge	WordPress	Visual Studio	Teams
Artec Studio	Photoshop	3D Scanning	PHP / CSS / HTML	Office 365	Google
Unity 3D	Premier	Photogrammetry	Python	SharePoint	Ubuntu

Education

North Carolina State University – School of Design

1982 - 1987

Bachelor of Environmental Design, Product Design - Graduated summa cum laude

Professional Training

CATIA V4 and V5 Software Training and Certification - Durham, NC - January 2008

Training was part of the development path of RTI's strategic processes within our Joint Strike Fighter proposal.

RTI Leadership Training – Morrisville, NC – January 2005

Training applies to supporting the development process with respect to personnel and task management.

MS Project – Advanced Training – Morrisville, NC – January 2005

Training supports the development of production processes and task management tools utilized by them.

Game Developers Conference 2002 – San Jose - March 2002:

Attended conference sessions focused on game technologies and techniques to refine and improve our centers services.

Distance Learning Conference 2000 - Madison, WI - August 2000

Attended conference sessions focused on Learning Management Systems, SCORM standards, and distance learning issues in general.

MS Access – Advanced Training – Morrisville, NC – November 1998

This training supports the development of our production processes as well as task management tools utilized by them.

Publications and Presentations

Triage Simulation for Emergency Preparedness Training

Medicine Meets Virtual Reality 2005 | October 10, 2005

Paul N. Kizakevich, Steve Duncan, Kevin D. Merino, Chip Hill, John Holloway

Web-delivered Simulations for Lifelong Learning

Interservice / Industry Training Systems and Education Conference (I/ITSEC) | November 21, 2003

Authors: Geoffrey Frank, Brooke Whiteford, Randy Brown, George Cooper, Kevin Merino, Noah Evens

The Virtual Standardized Patient. Simulated Patient-Practitioner Dialog for Patient Interview Training

Medicine Meets Virtual Reality 2000 | October 10, 2000

Robert C. Hubal, Paul N. Kizakevich, Curry I. Guinn, Kevin D. Merino, Suzanne L. West

Awards

OFM Employee of the Quarter – January, 2017

RTI Annual Award - Superior Project Work - Durham, NC - January, 2010

RTI Annual Award - Superior Project Work - Durham, NC - January, 2009

RTI Annual Award - Teamwork - Durham, NC - January, 2006

RTI Annual Award - Superior Project Work - Durham, NC - January, 2006

RTI Mentor Thank You Award - Staff Mentoring - Durham, NC - November, 2005

RTI Annual Award - Innovation and Creativity - Durham, NC - January, 2004

RTI Circle of Champions Marketing Award - Superior Project Work - Durham, NC - January, 1997