

CAREER ACCOMPLISHMENTS

1997 through 2015

This document highlights some of the major projects
I contributed to during my career from 1997 to 2015

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Textbooks / Software Documentation					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	Fundamentals of GD&T 2nd Edition Textbook (1997)	<ul style="list-style-type: none"> - Created over 300 technical illustrations - Designed book layout - Prepared the final version for the publisher 	Microsoft Word and Visio	Colleges, various industrial companies, & individuals	This textbook was created at ETI and is published by Delmar ITP Publishing
	Fundamentals of GD&T 2nd Edition Self-Study Workbook (1997)	<ul style="list-style-type: none"> - Created over 30 technical illustrations - Designed workbook layout 	Adobe PageMaker and Microsoft Visio		The lessons in this workbook were based off the Fundamentals of GD&T 2 nd Edition Textbook
	GD&T Trainer – Computer-Based and Web Training Software (1998-2010)	Wrote the installation instructions, and documentation for all versions of the software	Microsoft Word		
	ISO Geometrical Tolerancing Reference book (2010)	<ul style="list-style-type: none"> - Created book layout - Created/edited over 250 technical illustrations 	Adobe InDesign and Microsoft Visio		
	ISO Geometrical Tolerancing Exercise Workbook (2012)	<ul style="list-style-type: none"> - Created workbook layout - Created/edited over 30 technical illustrations - Created answer key 	Adobe InDesign and Microsoft Visio		Used along with the corresponding Digital Instructor’s Kit
	Fundamentals of GD&T Using Critical Thinking Skills, 3rd Edition textbook (2012)	Created solid models, and over 150 technical illustrations	PTC Creo Elements, Microsoft Visio		

Training Software					
	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Trainer – Computer-Based Training Software (1997)	I was the single developer on a new 30-hour computer-based training project based off ETI’s Fundamentals of GD&T 1994 classroom training. Created the user interface design, technical drawings, and converted text materials into lessons.	Microsoft Visio and Asymetrix ToolBook II Instructor	Colleges, various industrial companies, & individuals	
	GD&T Trainer v1.0 (1998)	Created the single user version of the software Revised the interface, login, and student tracking to create a single user version of the GD&T Trainer	Asymetrix Toolbook II Instructor and Microsoft Visio		Managed all releases, product updates, customer technical support, and documentation from 1998 to 2010
	GD&T Trainer v2.0 (1999)	Updated the GD&T Trainer software to include the following: - 3 rd party course management software used to manage multiple users and courses. - Additional courses were added to the software as well a new multi-user version and concurrent LAN (Local Area Network) version.	Asymeytrix ToolBook II Instructor and Platte Canyon Multimedia’s TBK Tracker		

Training Software					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Trainer v2.0 Corporate LAN version <i>(1999)</i>	<p>Created the first corporate version of the GD&T Trainer.</p> <p>Worked closely on implementing the software into the customer's course management system, and customized the user login process to work with a program called Registrar.</p> <p>Taught an 8-hour session at the customer site on the software's course administration program.</p>	Asymetrix ToolBook II Instructor and Siltan-Bookman Systems Registrar software	Hutchinson Technologies (Hutchinson, MN)	Over the next 10 years ETI sold over 20 corporate licenses of this product.
	GD&T Trainer v3.0 <i>(2002)</i>	<p>Updated the GD&T Trainer software to include the following:</p> <ul style="list-style-type: none"> - Re-designed interface. - Audio narration - Animations - Dictionary - Certification Test 	ToolBook Instructor 9, Microsoft Visio, Macromedia Flash, and InstallShield Professional	Colleges, various industrial companies, & individuals	

Training Software					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Trainer (Web-Based Training) (2004)	<p>Created WBT (web-based training) versions of the GD&T Trainer that worked both in AICC and SCORM 1.3 LMS (Learning Management Systems).</p> <p>Created custom SCORM manifest files used for importing the SCORM packets of the GD&T Trainer courses into customer LMS.</p> <p>Tested both SCORM and AICC versions and made them production ready.</p> <p>Incorporated an AICC version into ETI LMS, WBT Manager.</p>	ToolBook Instructor 8.9, WBT Manager and Platte Canyon's SCORM Watch		
	GD&T Trainer (Web-Based Training) (2004)	<p>Created WBT (web-based training) versions of the GD&T Trainer that worked both in AICC and SCORM 1.3 LMS (Learning Management Systems).</p> <p>Created custom SCORM manifest files used for importing the courseware into customer LMS.</p> <p>Tested both SCORM/AICC versions, made them production ready and incorporated an AICC version into the company LMS.</p>	ToolBook Instructor 8.9, WBT Manager and Platte Canyon's SCORM Watch		

Training Software					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Trainer v3.0 Corporate LAN customized version (2007)	Created a customized version of the GD&T Trainer which includes customized login screen, and student tracking features, and added a special course for internal use. Provided all technical support and assisted on the installation of the software.	SumTotal ToolBook Instructor 9, InstallShield Professional	Delphi Automotive (Troy, MI)	This new course was created specifically for Delphi Automotive .
	GM Addendum 2007 course for GD&T Trainer (2008)	Researched the changes between the GM Addendum and Y14.5 standard and developed the course objectives based on changes in the GM addendum and similar concepts already covered in the GD&T Trainer. Created a new module for the GD&T Trainer based on the General Motors 2007 Addendum to the Y14.5M-1994 Dimensioning and Tolerancing standard.	SumTotal ToolBook Instructor 9		
	GD&T Trainer v3.6 (2009)	Updated the GD&T Trainer software to include the following: - Updated program language for lesson / quizzes - Redesign user interface	Adobe FlexBuilder 3.5, Platte Canyon's Training Studio 2 and Exam Engine 2	Colleges, various industrial companies, & individuals	
	GD&T Trainer: Fundamentals 2009 (2012 – 2013)	Technical advisor and software tester.	Adobe FlexBuilder 4.0		

Career Accomplishments (1997 to 2015)

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Training Software					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Emser Tile	JDE New Hire Training Series (2014)	Created four separate eLearning courses with audio narrations and animations.	Articulate Storyline 2, Adobe Photoshop	Internal Sales Staff	
Aasonn	Walk-Thrus (2015)	Added Walk-Thrus to the SuccessFactors cloud-based software used to guide the user on completing a task.	WalkMe	Internal customer, support and companies that utilize the	

Other Software Products					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Quick Reference (2007)	Created a new online reference program on GD&T on the Y14.5 standard.	SumTotal ToolBook Instructor 9, Macromedia Flash MX InstallShield Professional	Colleges, various industrial companies, & individuals	This product was included in version 3.5 of the GD&T Trainer
	Digital Design Dictionary (2008)	Created a stand-alone version of the Digital Design Dictionary from the GD&T Trainer version.	SumTotal ToolBook Instructor 9, InstallShield Professional		

Other Software Products					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	GD&T Quick Reference per ASME Y14.5M-1994 (2012)	Updated the terms/definitions for the Dictionary portion of the GD&T Quick Reference Software.	Microsoft Excel 2010	Sigmatrrix (McKinney, TX)	Custom software included in tolerance analysis software produced by Sigmetrix
	ISO GPS Geometrical Tolerancing Quick Reference (2013)	Updated the terms/definitions for the Dictionary portion of the ISO GPS Quick Reference Software.	Microsoft Excel 2010		Custom software included in tolerance analysis software produced by Sigmetrix

Webinars					
Customer	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	Webinar Development (2013)	Assisted in development of PowerPoint presentations used for customer specific webinars.	Microsoft PowerPoint 2010, Adobe Photoshop and Connect	Eaton and PowerOne	

Videos / DVDs					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	Fundamentals of GD&T 10-tape VHS Series (1997)	My roles in this project included camera operator, graphics designer and editor of the videos.	Microsoft Visio, Inscrber CG for the title graphics and Fast Video Machine (software) for editing	Colleges, various industrial companies, & individuals	The videos were shot and edited on S-VHS tapes
	Fundamentals of GD&T 8-DVD Set (2006)	Converted ETI's 10-tape video series into an 8-DVD set. Tasks included: - Copying SVHS footage to DV tapes - Imported footage into Final Cut Pro - Used LiveType to create menu layout - Created DVD's using DVD Studio Pro	Apple Final Cut Pro 6, LiveType, DVD Studio Pro.		
	Supplemental classroom videos (2006)	Created six videos 4 to 10-minute long used to supplement classroom training by ETI's in-house instructors.	Apple Final Cut Pro 6, Adobe Illustrator, and Photoshop	Used by ETI instructors only	
	Marketing Videos (2013)	Designed and produced two website videos used for company promotion. Tasks included developing concept/storyboards, creating / editing graphics, writing voice-over script, hiring talent, and performing final output and website upload.	Adobe Illustrator, Photoshop and After Effects	Colleges, various industrial companies, & individuals	- How Round is Round Enough? https://www.youtube.com/watch?v=uwo6ejCvBc4 - The ISO GPS Quick Reference Software http://www.youtube.com/watch?v=cXCeaxlqI8Q

Videos / DVDs					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
SAE International	Marketing Video (2014)	Designed and produced a website video used for software promotion. Tasks included developing concept/storyboards, creating / editing graphics, writing voice-over script, hiring talent, and performing final output and website upload.	Adobe Illustrator, Photoshop and After Effects	Colleges, various industrial companies, & individuals	- GD&T Training Software That Produces Measurable Results http://www.youtube.com/watch?v=cp26Sljw-Ss

Digital Instructor Kits					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	Digital Instructor's Kit: Fundamentals of GD&T v1.0 (2001)	Created a digital version of ETI's Fundamentals of GD&T instructor's kit used for classroom training.	ToolBook Instructor 8.9, InstallShield Professional	Colleges, various industrial companies, & individuals	I created a few releases and updates to this software until 2003 when the software was rebuild in PowerPoint
	Digital Instructor's Kit: Fundamentals of GD&T v2.0 (2003)	Developed the PowerPoint version of the Digital Instructors Kit for the Fundamentals of GD&T.	Microsoft PowerPoint, Macromedia Flash and Star Force Protection		ETI has sold over 200 copies of the Digital Instructor Kits at approx. \$2000 each
	ISO Geometrical Tolerancing Digital Instructor's Kit (2011)	Developed the PowerPoint version of the Digital Instructors kit for GD&T based on the ISO GPS standards.	Microsoft PowerPoint 2007		
	Digital Instructor Kit product line (2012-2013)	Become the product manager for all Digital Instructor Kits. I was responsible for all product updates, 7-day trial versions, technical corrections, phone/email support, and the evolution of the product line. Updated the following Digital Instructor Kits: - Fundamentals of GD&T Using Critical Thinking Skills - ISO Geometrical Tolerancing	Microsoft PowerPoint, Word, Visio and All-In-One Protector by Mirage Software		

Digital Instructor Kits					
Company	Project	Accomplishments	Software Used	Customer(s)	Comments
Effective Training Inc. (ETI)	Fundamentals of GD&T 2009 Digital Instructor's Kit v2.x (2013)	Conversion of instructor's kit from PowerPoint to Storyline.	Microsoft PowerPoint, Adobe Flash, and Articulate Storyline	Colleges, various industrial companies, & individuals	Project not completed
SAE International	Template Design (2013)	Created a template in Storyline for importing PowerPoint Presentation	Articulate Storyline, Adobe Photoshop		
	GD&T for Manufacturing Digital Instructor's Kit v1.x (2013)	Imported content and editing graphics for the first two lessons Organized project in SharePoint	Microsoft SharePoint, PowerPoint, and Adobe Photoshop,		

Examples of Customer Software Support Issues				
Company	Issue	Solution	Software Used	Customer(s)
Effective Training Inc. (ETI)	Converting a corporate LAN version of the GD&T Trainer v2.0 into an intranet version (2001)	Guided General Motors eLearning team (they purchased a corporate licenses of the GD&T Trainer) in the development of an intranet version of the software.	Macromedia Dreamweaver	General Motor Corp. (Pontiac, MI)
	Installation of GD&T Trainer v3.0 Corporate LAN version (2003)	Assisted the IT departments for Delphi Automotive and Medtronic on implementing the software into their LAN systems.		Delphi Automotive (Troy, MI) and Medtronic (Farmington Hills, MI)
	Molex reported an issue of the lesson modules (pages visited method of completion) not being reported as completed. (2008)	I worked directly with the LMS vendor, and it was determined that Molex's version of the Skillsoft LMS needed to be updated to the latest version to work with the GD&T Trainer.	SkillSoft (AICC) LMS	Molex , (San Francisco, CA)

Examples of Customer Software Support Issues				
Company	Issue	Solution	Software Used	Customer(s)
	<p>Boston Scientific needed a customized version of the GD&T Trainer to work in their “home brewed” LMS created by a former employee.</p> <p>They also wanted to manually created quiz questions for a custom quiz modules based from the GD&T Trainer quizzes. (2008)</p>	<p>Created custom SCORM packets created for the lesson modules that reported “pages visited” method of completion back to their LMS.</p> <p>Exported the quiz questions into a text file, supplied them with the graphic image file and created them an answer key.</p>	<p>Reload SCORM Editor, Microsoft Word 2003</p>	<p><i>Boston Scientific</i> (Marlborough, MA)</p>
	<p>GE Medical did not want the shortcuts icons for the GD&T Trainer – Site License (client Install) installed on the Windows desktop. (2008)</p>	<p>Created a custom client install that placed the shortcut icons into a specific folder in the Windows Start Menu.</p>	<p>InstallShield Professional</p>	<p><i>GE Medical</i> (Cape Coral, FL)</p>