

# Ted Singdahlsen

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## Experience

### Instructional Technologist

Jul 2010 – present Allscripts	Responsible for projects related to Web projects and front-end development, requiring expertise with eLearning, Web media technologies, user experience. <ul style="list-style-type: none"><li>Developed custom online course catalog and scheduling system, including management tool</li><li>Developed several custom eLearning UIs, integrated with LCMS</li><li>Created custom mobile Web learning app for Windows Phone</li><li>Created both Flex and JavaScript video players for eLearning content</li></ul>	JavaScript SQL PHP Flex ActionScript jQuery
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### Multimedia Technology Manager

Nov 2007 – Jul 2010 Global Knowledge	As manager of eLearning and multimedia development group, oversaw UI and custom graphic development. <ul style="list-style-type: none"><li>Created prototype eLearning course on iPad</li><li>Developed modular development framework for Flash</li><li>Administered Web development server</li></ul>	JavaScript Flash ActionScript LAMP
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### Senior eLearning Developer

Feb 2006 – Nov 2007 Global Knowledge	Responsible for developing highly-customized eLearning content and graphic UIs for high-profile corporate clients. <ul style="list-style-type: none"><li>Created 3D graphics for unique online learning portal</li><li>Recognized for achievement with "Circle of Excellence" award</li><li>Promoted to Senior level coding team within one year of hiring</li></ul>	Flash ActionScript HTML CSS
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### Web Designer/Developer

Dec 2000 – Oct 2008 Freelance	Developed Websites and graphics projects for various clients. <ul style="list-style-type: none"><li>Developed ecommerce site, with modification of osCommerce modules</li><li>Created posters for Duke University libraries</li></ul>	PHP MySQL osCommerce
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### Digital Media Instructor

Sep 2004 – Jan 2006 School of Comm. Arts	Developed courses in graphic design, Web design, digital audio/video, and 3D animation. <ul style="list-style-type: none"><li>Oversaw student-produced VODcast as class project</li><li>Created and maintained extensive syllabus and resources website</li></ul>	Illustrator Photoshop Flash RSS
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### Creative Director

May 2002 – Sep 2005 Solidzebra	Designed and developed websites, exhibits and artist projects. <ul style="list-style-type: none"><li>Helped guide design process for childrens' area at North Carolina Zoo</li><li>Directed audio and video production</li></ul>	HTML CSS AutoCAD
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## Adjunct Professor

Jan 1999 – Aug 2002 St. Augustine's College Mass. College of Art Mass. Comm. College	Taught various digital media courses at college level (part-time). <ul style="list-style-type: none"><li>• Designed 3d animation curriculum</li><li>• Taught computer animation, multimedia, and music technology courses</li><li>• Created student portfolio website</li></ul>	3DS Max Flash MIDI Photoshop
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## 3D Animator & Multimedia Artist

Dec 1999 – Nov 2000 Animation Technologies	Planned and developed media support projects for major law firms. <ul style="list-style-type: none"><li>• Created 3D animations to illustrate difficult concepts</li><li>• Specialized in patent litigation cases</li><li>• Composited assets into digital video presentations</li></ul>	3DS Max After Effects Flash
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## 3D Level Artist

May 1999 – Sep 1999 3D Openmotion	Responsible for level design and asset creation for start-up video game company. <ul style="list-style-type: none"><li>• Designed levels and models under tight deadlines</li><li>• Established model construction guidelines</li><li>• Developed model optimization procedures</li></ul>	3DS Max Photoshop
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## Video Editor & Production Assistant

Dec 1997 – Nov 1998 Myriad Productions	Worked with Emmy-award winning video engineer, shooting and editing video and creating digital media. <ul style="list-style-type: none"><li>• Videotaped special events and sports events</li><li>• Produced commercial spots for broadcast</li><li>• Developed technique for creating Quicktime VR from video</li></ul>	Media 100 Quicktime VR
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## Expertise

### Web Technologies

- HTML, CSS, HTML5
- Flex, Flash, ActionScript
- JavaScript, JQuery, YUI
- PHP, MySQL, MS SQL
- Video/audio encoding and delivery
- Windows, MacOS, Linux (inc. command line and regular expressions)

### Media and Design

- Adobe Illustrator, Photoshop, Dreamweaver
- 3DS Max, Blender
- Adobe Premiere, After Effects, Final Cut Pro, Sony Vegas

### Soft Skills

- Project management, including Agile
- Resource management
- Coding ability, e.g. with C++, C#, Objective-C
- Teaching

## Education

### MFA in Electronic Arts

- Dec 1997  
Rensselaer Polytechnic  
Institute
- Graduated with Master's degree in Electronic Arts.
- Explored areas of interaction with technology
  - Specialized in 3D animation, digital audio
  - Produced live multimedia productions

### BA in Music Theory & History

- Aug 1993  
UNC – Chapel Hill
- Studied music composition, as well as a broad range of Humanities courses, including global journalism, visual art, and German.