

Jay R. Crook

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SUMMARY

Multitalented as a **software engineer** and **graphic artist** with extensive experience in developing innovative courses and courseware tools for corporate education. A great designer and an inventive and effective developer who can implement solutions quickly. NCR was ranked as #2 (Training Magazine 2001) in corporate education with the help of course development tools created. NCR has continued to be ranked in the top 50. Expertise includes:

- Tool development
- Website design
- LMS and LCMS creation
- LMS migration
- Self-motivated and dependable
- CBT/WBT design knowledge
- Initiating new and unique solutions
- Ability to work in dynamic, cross functional and global teams
- Creating intuitive functionality with usability expertise
- Gathering and integrating instructor input for new features

TECHNICAL SKILLS

Languages: Perl, ASP, VBScript, Visual Basic, Flash
Internet: JavaScript, HTML, SCORM, XML, SQL
LMS Platforms: Saba, Plateau, Docent, edcor
Graphic Tools: Adobe Photoshop, Fractal Design Painter, Flash, Corel Draw

PROFESSIONAL EXPERIENCE

NCR Corporation (Dayton, Ohio)

Software engineer – NCR University

2006 - Present

Assisted in the migration of Learning Management Systems (LMS) involving design and tools to convert data from one system to another. Supported course instructors globally in getting their courses developed, online and connected to the LMS.

- Wrote code to bypass the limitations of the new LMS to provide output the course instructors needed.
- Created filtering code to separate the LMS database during the Teradata spinoff, providing an easier migration to the Plateau LMS.
- Developed a tool to convert legacy courses into SCORM-compliant courses so they could work without the major expense of LMS customizations.

Software engineer and digital artist – Global Learning

1995 - 2006

Part of a team that created award winning interactive learning with a gaming approach. This led to the creation of development tools to speed up the course development process. Tools were created for CBTs, WBTs and Learning Management Systems.

- Built NCR's first LMS (Datasaurus) before the existence of SCORM and AICC/CMI standards, to support the need for student based tracking, helping NCR become a leader in corporate learning.
- Two NCR learning groups merged with differing styles. A WBT development tool (WeBiT) was created in 1998 to toggle between those styles. WeBiT has been used by 68 developers, creating over 2300 courses.
- Many course developers were using WeBiT's default colors repetitiously. A style sheet editor was created to help them utilize a variety of other options.

- Most NCR instructors were new to WBT development, so in 2000 an eLearning Concepts course was developed to teach the various aspects of Web Based Training; benefitting 102 instructors.
- Many instructors were dissatisfied with the functionality of the off-the-shelf LMS. Created an eFacilitator to integrate with the LMS so instructors could monitor student course activity.
- Instructors wanted to build courses with various elements (PowerPoint, Word Docs, Flash movies, quizzes) so an LCMS (SCORM-Trooper) was developed. It has been used by 95 developers to create over 1300 courses.

Software engineer and digital artist – Education Solutions *1991 - 1995*

With the dawn of multimedia PCs, developed multimedia applications in DOS and Windows, including multimedia courses and electronic course catalog.

Digital artist and software engineer – New Instructional Technology *1986 - 1991*

Created computer graphics primarily for educational media, specializing in 2D and 3D animation. Wrote C programs for graphic applications.

PREVIOUS EXPERIENCE

Pepperdine University (Culver City, California) database administrator – School of Business
Intergraphic (Abilene, Texas) graphic programmer

EDUCATION

Bachelor of Science - Computer Science, Abilene Christian University, Abilene, Texas
Bachelor of Art - Graphic Design, Abilene Christian University, Abilene, Texas

PROFESSIONAL ASSOCIATIONS

ACM Special Interest Group of Computer Graphics (SIG-Graph), Visual Basic Users Group (VBits),
 eLearning Guild, Society for Applied Learning Technology (SALT)

PATENTS

US 2003/0008271 A1 - Web-based education (Filed on July 6, 2001 as Appl. No. 09900539)
US 2003/0177203 A1 - Developer tools for web-based education (Filed on March 13, 2002 as Appl. No. 10097722)

OTHER

More information and examples of work can be found at www.jaycrook.com
 References can be found at www.linkedin.com/in/jaycrook