

# Jeremy J. Sydik

Education      University of Nebraska–Lincoln (2003–Present), Lincoln, NE  
M.A. Educational Psychology [Cognition, Learning, and Development]  
– *In Progress*  
University of Nebraska–Lincoln (1995–1999), Lincoln, NE  
B.S. Computer Science and Mathematics

Experience      *Software Development Specialist*  
Center for Instructional Innovation (2002–Present)

- Content design, development, and interface analysis for expanded teacher training exercises in cooperative agreement with Pearson/Merrill Prentice Hall
- Content and technology design for LionLearn medical case study software for preceptors and students in cooperation with Penn State Medical Center
- Design of case study software for irrigation decision making for farmers.
- Design of case study software for nurse training at the University of Arkansas
- Developing software for the online coordination of training sessions.
- Implementing systems for delivering real-time captioning to live theater events.
- Designing and implementing new versions of *ThinkAboutIt* software.
- Investigating user interaction models for accessible software interfaces.
- Designing new training curriculum to explain practical usage of the W3C Web Content Accessibility Guidelines to multimedia developers.

*Software Development Specialist*  
American Distance Education Consortium [NSF AISEP Project]  
(2001–2002)

- Designed and implemented a centralized management system for coordinating satellite networking sites.
- Directly participated in the needs assessment and installation planning of over 10 networking research sites.
- While serving as interim business manager, updated systems and documentation for ADEC's accounting system.

*eContent Technologies Developer*  
iUniverse (2000–2001)

- Designed and implemented conversion software to normalize existing digital content into iUniverse's format neutral XML format.
- Participated in the development of corporate information processing standards.
- Customized production systems for implementation of ebook processing for Microsoft Press and Hungry Minds, Inc.
- Developed materials for training and knowledge transfer to approximately 100 developers in Shanghai conversion office.

*Software Development Specialist*

Center for Instructional Innovation [CATT and CLASS Projects]  
(1997–2000)

- Designed and deployed IT infrastructure for server and workstation machines.
- Prototyped the initial versions of the *ThinkAboutIt* software.
- Developed the *Maguro* XML framework for rapid prototyping and deployment of online educational solutions.

**Publications**     Sydik, J. (2007). *Design Accessible Web Sites*. Raleigh, NC: Pragmatic Bookshelf