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## Open-Source Technologies for Maximizing the Creation, Deployment, and Use of Digital Resources and Information

#### PREMIER REFERENCE SOURCE

Open-Source Technologies for Maximizing the Creation, Deployment, and Use of Digital Resources and Information



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#### Shalin Hai-Jew (Kansas State University)

Open-source development has been around for decades, with software developers co-creating tools and information systems for widespread use. With the development of open-source software such as learning objects, interactive articles, and educational games, the open-source values and practices have slowly been adopted by those in education sectors.

**Open-Source Technologies for Maximizing the Creation, Deployment, and Use of Digital Resources and Information** highlights the global importance of open-source technologies in higher and general education. Written for those working in education and professional training, this collection of research explores a variety of issues related to open-source in education, such as its practical underpinnings, requisite cultural competence in global open-source, strategies for employing opensource in online learning and research, the design of an open-source networking laboratory, and other endeavors. It aims to enhance workplace practices in harnessing open-source resources in a time of budgetary frugality.

### **Topics Covered:**

- Creation of Open-Source Educational Video Games
- Open-Source Digital Tools
- Creation of Open-Source Interactive Articles
- Open-Source Educational Initiatives
- Open-Source Resources
- Open-Source Strategies in Higher Education
- Open-Source Technologies
- Trends in Open-Source
- Virtualized Open-Source Networking

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Shalin Hai-Jew, Instructional Designer at K-State and Instructor for WashingtonOnline, has worked in higher education for many years as a tenured professor. She has BAs in English and Psychology and an MA in English, from the University of Washington, where she was an Early Entrant at 15 (through the Hal and Nancy Robinson Center for Young Scholars) and a Hugh Paradise Scholar. She has an Ed.D. in Educational Leadership / Public Administration from Seattle University (2005), where she was a Morford Scholar. Her dissertation was about the role of trust in online learning. Dr. Hai-Jew has written several books and edited others related to information technologies. She reviews for a number of educational publications. She was born in Huntsville, Alabama, in the US.



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