

1. Record Nr.	UNINA9910835061203321
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Titolo	Blockchain for Global Education / / by Lakshmana Kumar Ramasamy, Firoz Khan
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-52123-4
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (225 pages)
Altri autori (Persone)	KhanFiroz
Disciplina	621.38
Soggetti	Cooperating objects (Computer systems) Telecommunication Educational technology Cyber-Physical Systems Communications Engineering, Networks Digital Education and Educational Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Introduction to Blockchain in Education -- Creating a decentralized database of educational credentials -- Decentralized marketplace for educational resources -- Digital identity system for students -- Cross-border credit transfer -- Blockchain-based e-learning platform -- Development of a blockchain-based certification system -- Secure and transparent record-keeping of educational data -- Blockchain-based Online Learning -- Blockchain-based Research -- Case studies and best practices of blockchain -- Future of Blockchain in Education -- Conclusion.
Sommario/riassunto	This book presents Blockchain technology and its various applications in educational environments. The authors show how Blockchain has the potential to revolutionize the field of education by creating decentralized and secure platforms for connecting students and educators across borders. The book also discusses the challenges and limitations of implementing Blockchain in education, such as technical complexity, lack of standardization, and regulatory issues. The authors provide several examples and case studies that demonstrate how Blockchain technology can be used to improve various aspects of

education. The authors also recognize that Blockchain technology evolves rapidly and address the potential impact of the technology on the field of education in the future. In addition to general educational applications, the authors also provide a global perspective, addressing the potential impact of technology on education in various countries and regions. Provides a comprehensive overview of the field of Blockchain in education and its practical implications; Discusses challenges of Blockchain in education such as lack of standardization and regulatory issues; Presents future directions and potential innovations in the use of blockchain in education.
