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Review Paper on Blockchain Technology and Possible Future Directions

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Abstract: *Blockchain has received extensive attentions recently. Blockchain serves as an immutable ledger which allows transactions take place in a decentralized manner. Blockchain-based applications are springing up, covering numerous fields including financial services, reputation system and Internet of Things (IoT), and so on. However, there are still many challenges of blockchain technology such as scalability and security problems waiting to be overcome. This paper presents a comprehensive overview on blockchain technology. We provide an overview of blockchain architecture firstly and Taxonomy of blockchain systems. Furthermore, technical challenges and recent advances are listed. We also lay out possible future trends for blockchain.*

Keywords: Blockchain

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