عنوان مقاله:

The Challenges and Trends of Deploying Blockchain in the Real World for the Users' Need

محل انتشار:

تعداد صفحات اصل مقاله: 10

نویسندگان:

.Chun-Wei Chiang - *HCI Lab, West Virginia University, Morgantown, WV, USA*

Eber Betanzos - *Cyber Ethics Center, Universidad Nacional Autonoma de Mexico (UNAM), Mexico| Federal Audit Office, Mexico.*

Saiph Savage - *HCI Lab, West Virginia University, Morgantown, WV, USA*

خلاصه مقاله:

Blockchain technology is a decentralized and open database maintained by a peer-to-peer network, offering a trustless trust for untrusted parties. Despite the fact that some researchers consider blockchain as a bubble, blockchain technology has the genuine potential to solve problems across industries. In this article, we provide an overview of the development that Blockchain technology has had in 2018 and point out the challenges of deploying blockchain-based applications in the real world from a Human-Computer Interaction view. We propose that blockchain practitioners should design blockchain applications from users' perspective, think about who the users are, and what they need. Furthermore, we also lay out possible future trends for blockchain based systems.

کلمات کلیدی:

Blockchain, decentralized, human centered design, human-computer interaction, real world applications

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/1031920