LEARNING WITHOUT LIMITS · SPECIALIZATION CERTIFICATE

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UB

4 Courses

Blockchain Basics

Smart Contracts

Decentralized Applications (Dapps)

Blockchain Platforms

10/07/2018

Piyush Kumar

has successfully completed the online, non-credit Specialization

Blockchain

Through this specialization, learners developed an understanding of foundational concepts that enable a blockchain protocol. The courses covered applying the concepts of encryption, hashing, consensus, transactions, blocks and private-public keys in building a blockchain. Learners designed, developed and tested smart contracts and decentralized applications on a private Ethereum blockchain. The discussions included the architecture of a decentralized application stack, best practices, emerging standards, and many open issues such as scalability and privacy. Learning concluded with a holistic view of the landscape, including decentralized application use cases and other blockchain platforms.

Bina Ramamurthy *Timothy Leyh*

Bina Ramamurthy, Teaching Professor of the University at Buffalo Computer Science and Engineering Department

Timothy Leyh, Executive Director of the University at Buffalo Center for Industrial Effectiveness

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