



4 Courses

Blockchain Basics

Smart Contracts

Decentralized Applications  
(Dapps)

Blockchain Platforms



12/22/2019

## Gökmen Görden

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

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
[coursera.org/verify/specialization/9TKPX678TZC9](https://coursera.org/verify/specialization/9TKPX678TZC9)