



4 Courses

Blockchain Basics

Smart Contracts

**Decentralized Applications
(Dapps)**

Blockchain Platforms



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Sandra Hany Helmy Nasry

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.

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