



4 Courses

Fundamentals of Network
Communication

Peer-to-Peer Protocols and
Local Area Networks

Packet Switching Networks and
Algorithms

TCP/IP and Advanced Topics



09/10/2020

Muhammad Umair Shahid

has successfully completed the online, non-credit Specialization

Computer Communications

In this Specialization, learners developed and honed essential skills in fundamental computer networking concepts and principles, apply the networking theory and design principles, verify their understandings, and build a solid foundation for creating innovations in today's Internet. It lays foundations of network architectures, protocol design principles, and TCP/IP programming skills, which are necessary to take more advanced courses in graduate study and/or technical training in the industry. The Specialization also covered basic networking knowledge and in-depth understanding of the inner-workings of computer networks and their evolution. Learners completed all the required assessments to apply their new knowledge and skills

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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.

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