



3 Courses

Penetration Testing, Threat Hunting, and Cryptography

Incident Response and Digital Forensics

Cybersecurity Capstone: Breach Response Case Studies



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## Muhammad Rafay Ali

has successfully completed the online, non-credit Specialization

# Security Analyst Fundamentals

With this specialization, the learner acquired knowledge of forensic tools, incident response planning and penetration testing. The learner also gained knowledge of threat intelligence, multiple network defensive tactics, application security, data loss protection, endpoint protection and SIEM tools. The learner's knowledge was tested through multiple assessments throughout the courses. The learner applied skills to complete several virtual labs and to investigate a real-world security breach identifying the attack, vulnerabilities, costs and prevention recommendations.

*Coreen Ryskamp*

Coreen Ryskamp  
Program Manager  
IBM Security Learning Services

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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