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JOHNS HOPKINS
UNIVERSITY

Introduction to AI for Cybersecurity

Advanced Malware and Network Anomaly Detection

Securing AI and Advanced Topics

Jan 26, 2025

Muhmmad Azhar

has successfully completed the online, non-credit Specialization

AI for Cybersecurity

In this Specialization, learners will acquire vital skills in applying AI techniques for cybersecurity challenges. They will explore methods for fraud prevention using cloud AI solutions, understand the intricacies of Generative Adversarial Networks (GANs), and learn how to implement reinforcement learning for adaptive security measures. Emphasis is placed on evaluating AI models and performance metrics to ensure robustness and security. Through practical projects and hands-on experiences, learners will apply their knowledge in real-world scenarios, preparing them for careers in cybersecurity where AI plays an increasingly critical role.

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