Artificial Intelligence in Cybersecurity

Reference List Assignment

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UNV-507: Introduction to Graduate Studies in CSET

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July 3, 2024

Abstract

Artificial Intelligence (AI) has revolutionized numerous industries, offering innovative solutions to complex problems. One of the fields that will be heavily impacted by artificial intelligence is cybersecurity. As cyber threats continue to evolve in sophistication and frequency, traditional security measures struggle to keep pace. AI-based systems have emerged as a game-changer in augmenting cybersecurity defenses, enabling organizations to detect and respond to threats in real-time. This research paper delves into the role of AI in cybersecurity, exploring its applications, benefits, challenges, and the implications of this powerful technology in safeguarding digital assets and sensitive information against malicious actors.

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