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Implement Artificial Intelligence Add-In to execute Digital Forensics Investigation Software.

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Implement Artificial Intelligence Machine Learning Add-In to execute Digital Forensics investigations. Searching the evidence from a database feeder with the objective needs to be learned by reinforcement learning. The programmed Add-In programmed with an algorithm aiming and expect the Machine through trial-and-error to achieve that goal attempting to climb over the most object recognition until it finds with different percentages.

The Add-In will utilize the searching in the evidence copy any related pictures or photos which will be uploaded in the internal migrated database. Artificial Intelligence Add-In will help in protecting the suspect's privacy from being seen by the digital forensic examiner/investigator. Moreover, it will illustrate related compared images to the investigator with the compared percentage and permit the digital examiner/investigator to search in a specific time frame, which usually will be in the time frame of the incidents.

The Add-In will assist superiorly in achieving detailed results and achieving the adjuster and fair conclusion without any judgmental and human error. Likewise, the fast scanning to match time speed which will solve more cases in a shorter time. (178 words)

Biography

Shaikha Hassan completing her higher studies in Business Administration at the University of Sharjah and accomplished her BASc in IT Security and Forensics from the Higher Colleges of Technology in UAE. Before joining Gargash Group, Shaikha worked in the field of digital forensics in Dubai Police Forensic Lab, the largest Forensic Lab in the Middle East and worked in Ministry of the interior for the United Arab Emirates, as well in the fields of IT Infrastructure, IT Project Management, and IT Security. First IEEE academic article had been published for her while she’s 21 years old. (96 words)

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