FakeDetector:- A Review of Image Forgery Detection Techniques using Deep Learning

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Abstract: *Image cases are serious issues that can have serious consequences in a variety of areas. The use of deep learning algorithms such as folding networks (CNNs) has shown promising results in recognition of such counterfeiting. CNN is particularly suitable for image-related tasks, taking into account the ability to extract relevant features from image data. The proposed system involves the use of CNNs to extract remaining noise-based properties from photographs to recognize counterfeit products. This technology involves identifying the noise patterns left behind by the counterfeiting process. This can distinguish between real and manipulated images. One of the most important benefits of using CNN to recognize image cases is its ability to treat invisible counterfeit products. If image counterfeiting technology becomes more demanding, it may be difficult to recognize counterfeit products in traditional ways. However, CNNs can learn to recognize patterns that are not explicitly defined, allowing them to recognize new kinds of counterfeiting that were new and previously invisible. Overall, the use of CNNS to recognize image cases shows great potential to combat image manipulation problems. With further research and development, the technology can be used to improve the reliability and reliability of digital images for a variety of applications, from medical reporting to crime scene testing..*

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