

# Adobe introduces a new tool that can detect whether photos have been taken or not

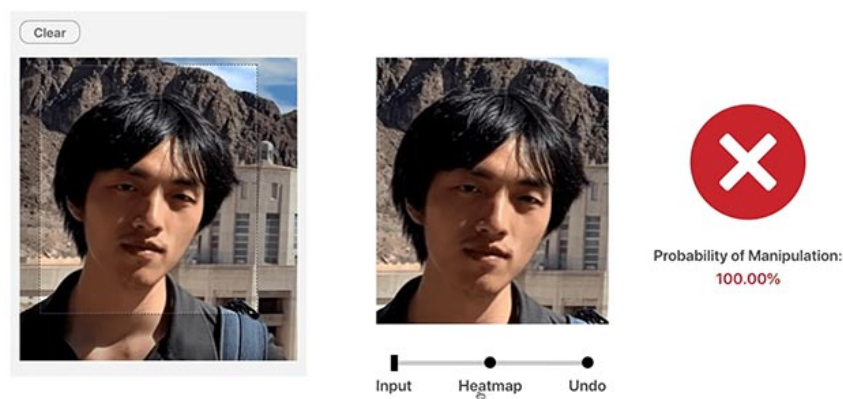
You only need to upload a suspicious image into About Face and this tool can estimate relatively accurately the likelihood that the image has been edited or not.

Adobe is an interesting company. Each year, the company will launch creative contests within its engineering team. People are free to create their own products without worrying about feasibility or practical application. However, the unique projects, which can be applied in practice, will be invested and introduced by the company at major information conferences or product launch events.

There have been many interesting inventions stemming from such creative competitions integrated into famous Adobe products. The focus of this year's event is a tool called 'About Face' with the ability to detect whether a face in a portrait photo has been tampered with by photo editing software.

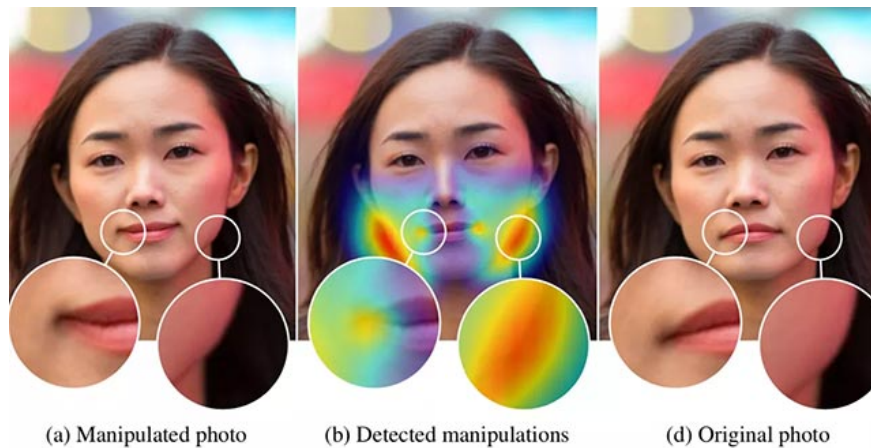
Modern image editing tools make it easy to modify the image of a person even on a small mobile phone, mostly to 'improve the beauty', but there are also many cases of photo manipulation aimed at mocking, defaming, or worse offending human dignity.

Whether for good or bad purposes, Adobe products, typically photoshop here, are partly responsible for the trouble caused by edited photos. And About Face has appeared as a 'redemption' gift of this developer.



You only need to upload a suspicious image into About Face and this tool can estimate relatively accurately the likelihood that the image has been edited or not. This tool does not look at the image as a whole as a face recognition algorithm, but will take care of each individual pixel. This allows About Face to be able to recognize 'problematic' areas at the pixel level and render it as a virtual thermal chart according to the level of correction. Pixels that have been stretched, cropped and interfered will be detected and recorded by About Face.

Not only that, the tool can even try to undo changes, i.e. turning the image into a state before being edited - a great possibility.



With the status of fake news and smearing personal photos, organizations are increasingly complicated on the internet space like today, About Face will probably soon become popular globally, similar to photoshop.

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