

A.I. Literacy against Cybercrimes

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Recently, deepfake pornos in South Korea gained attention after unconfirmed lists of schools that had victims spread online in August this year. Many girls and women have hastily removed photos and videos from their Instagram, Facebook and other social media accounts. Thousands of young women have staged protests demanding stronger steps against deepfake porn. Politicians, academics and activists have held forums.

Hence, South Korean lawmakers recently passed a bill that criminalizes possessing or watching sexually explicit deepfake images and videos, with penalties set to include prison terms and fines.

However, the techniques of photoshopping or deepfakes are available in cyberspace, and many politicians have already been the subject of deepfakes. Thus, the techniques themselves cannot be the target of regulation. On the other hand, the misuse, disuse, or mal-use should be strictly criminalized, as the IT people argue. In these discussions between the policy makers and IT people, AI literacy matters. A good knowledge of AI can be a double-edged sword. It can be used in cybercrimes such as deepfakes and, at the same time, it can help to detect and prevent them.

In this talk, the status quo of South Korean progress will be reported.

Primary author: OH, Sun Kun (Suranaree University of Technology, Thailand)

Presenter: OH, Sun Kun (Suranaree University of Technology, Thailand)

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