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Educational Experience

2020.09-Now	Ph.D. in Information Security Nanjing University of Information Science & Technology
2018.09-2020.06	Master's degree in Computer Science Nanjing University of Information Science & Technology
2014.09-2018.06	Bachelor in Electronic Information Engineering Nanjing Forestry University

Research Papers

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- [1] **Jianwei Fei**, Zhihua Xia, Peipeng Yu, Fengjun Xiao. Adversarial attacks on fingerprint liveness detection[J]. EURASIP Journal on Image and Video Processing, 2020, 2020(1): 1-11.
 - [2] **Jianwei Fei**, Zhihua Xia, Peipeng Yu, Fengjun Xiao. Exposing AI-generated videos with motion magnification[J]. Multimedia Tools and Applications, 2020: 1-14.
 - [3] **Jianwei Fei**, Zhihua Xia, Peipeng Yu, Yunshu Dai. A Survey of Face Synthesis[J]. Journal of Frontiers of Computer Science and Technology, 2021, 1-24.DOI:10.3778/j.issn.1673-9418.2105059.
 - [4] Fei Gu, Zhihua Xia, **Jianwei Fei**, Chengsheng Yuan, Qiang Zhang. Face spoof detection using feature map superposition and CNN[J]. International Journal of Computational Science and Engineering, 2020, 22(2-3): 355-363.
 - [5] Hua Wang, Zhihua Xia, **Jianwei Fei**, Fengjun Xiao. An AES-based secure image retrieval scheme using random mapping and BOW in cloud computing[J]. IEEE Access, 2020, 8: 61138-61147.
 - [6] Peipeng Yu, Zhihua Xia, **Jianwei Fei**, Sunil Kumar Jha. An Application Review of Artificial Intelligence in Prevention and Cure of COVID-19 Pandemic[J]. Cmc-Computers Materials & Continua, 2020, 65(1): 743-760.
 - [7] Peipeng Yu, Zhihua Xia, **Jianwei Fei**, Yujiang Lu. A Survey on Deepfake Video Detection[J]. IET Biometrics, 2021.
 - [8] Yujiang Lu, Yaju Liu, **Jianwei Fei**, Zhihua Xia. Channel-Wise Spatiotemporal Aggregation Technology for Face Video Forensics[J]. Security and Communication Networks, 2021, 2021.

Invention Patents

CN202010105761.9	A face swap video detection method based on long short-term memory network
CN202010222610.1	A video motion magnification method for face swap video detection
CN202010736565.1	A fine-grained feature fusion method for face forgery video detection

Honors and Awards

- First Prize in China Post-Graduate Mathematical Contest in Modeling, 2020
- Second Prize in Jiangsu Post-Graduate Mathematical Contest in Modeling, 2021
- First Prize in China Post-Graduate Mathematical Contest in Modeling, 2021