Daftar Pustaka

Abadi, M., Agarwal, A., Barham, P., Brevdo, E., Chen, Z., Citro, C., Corrado, G.S., Davis, A., Dean, J., Devin, M., Ghemawat, S., Goodfellow, I., Harp, A., Irving, G., Isard, M., Jia, Y., Jozefowicz, R., Kaiser, L., Kudlur, M., Levenberg, J., Mane, D., Monga, R., Moore, S., Murray, D., Olah, C., Schuster, M., Shlens, J., Steiner, B., Sutskever, I., Talwar, K., Tucker, P., Vanhoucke, V., Vasudevan, V., Viegas, F., Vinyals, O., Warden, P., Wattenberg, M., Wicke, M., Yu, Y., Zheng, X., 2016. TensorFlow: Large-Scale Machine Learning on Heterogeneous Distributed Systems.

Ajit, A., Acharya, K., Samanta, A., 2020. A Review of Convolutional Neural Networks, in: 2020 International Conference on Emerging Trends in Information Technology and Engineering (Ic-ETITE). IEEE, pp. 1–5. https://doi.org/10.1109/ic-ETITE47903.2020.049

Alzubaidi, L., Zhang, J., Humaidi, A.J., Al-Dujaili, A., Duan, Y., Al-Shamma, O., Santamaría, J., Fadhel, M.A., Al-Amidie, M., Farhan, L., 2021. Review of deep learning: concepts, CNN architectures, challenges, applications, future directions. J Big Data 8, 53. https://doi.org/10.1186/s40537-021-00444-8

Anthony, P., Ay, B., Aydin, G., 2021. A Review of Face Anti-spoofing Methods for Face Recognition Systems, in: 2021 International Conference on INnovations in Intelligent SysTems and Applications (INISTA). IEEE, pp. 1–9. https://doi.org/10.1109/INISTA52262.2021.9548404

Bansal, A., Castillo, C., Ranjan, R., Chellappa, R., 2017. The Do’s and Don’ts for CNN-Based Face Verification, in: 2017 IEEE International Conference on Computer Vision Workshops (ICCVW). IEEE, pp. 2545–2554. https://doi.org/10.1109/ICCVW.2017.299

Boutros, F., Damer, N., Fang, M., Kirchbuchner, F., Kuijper, A., 2021. MixFaceNets: Extremely Efficient Face Recognition Networks, in: 2021 IEEE International Joint Conference on Biometrics (IJCB). IEEE, pp. 1–8. https://doi.org/10.1109/IJCB52358.2021.9484374

Chen, S., Liu, Y., Gao, X., Han, Z., 2018. MobileFaceNets: Efficient CNNs for Accurate Real-Time Face Verification on Mobile Devices.

Dalianis, H., 2018. Evaluation Metrics and Evaluation, in: Clinical Text Mining. Springer International Publishing, Cham, pp. 45–53. https://doi.org/10.1007/978-3-319-78503-5_6

Das, A., Sengupta, A., Saqib, M., Pal, U., Blumenstein, M., 2018. More Realistic and Efficient Face-Based Mobile Authentication using CNNs, in: 2018 International Joint Conference on Neural Networks (IJCNN). IEEE, pp. 1–8. https://doi.org/10.1109/IJCNN.2018.8489070

Deng, J., Guo, J., Yang, J., Xue, N., Cotsia, I., Zafeiriou, S.P., 2021. ArcFace: Additive Angular Margin Loss for Deep Face Recognition. IEEE Trans Pattern Anal Mach Intell 1–1. https://doi.org/10.1109/TPAMI.2021.3087709

El-Abed, M., Giot, R., Hemery, B., Rosenberger, C., Schwartzmann, J.-J., Schwartz-mann, J.-J., 2014. Towards the Security Evaluation of Biometric Authentication Systems.

Hadiprakoso, R.B., Setiawan, H., Girinoto, 2020. Face Anti-Spoofing Using CNN Classifier & Face liveness Detection, in: 2020 3rd International Conference on Information and Communications Technology (ICOIACT). IEEE, pp. 143–147. https://doi.org/10.1109/ICOIACT50329.2020.9331977

Howard, A., Sandler, M., Chu, G., Chen, L.-C., Chen, B., Tan, M., Wang, W., Zhu, Y., Pang, R., Vasudevan, V., Le, Q. V., Adam, H., 2019. Searching for MobileNetV3. Computing Research Repository.

Hubel, D.H., Wiesel, T.N., 1962. Receptive fields, binocular interaction and functional architecture in the cat's visual cortex. J Physiol 160, 106–154. https://doi.org/10.1113/jphysiol.1962.sp006837

Khabarlak, K., 2022. Post-Train Adaptive MobileNet for Fast Anti-Spoofing, in: 3rd International Workshop OnIntelligent Information Technologies & Systems of Information Security. pp. 44–53.

Khan, S., Rahmani, H., Shah, S.A.A., Bennamoun, M., 2018. A Guide to Convolutional Neural Networks for Computer Vision. Synthesis Lectures on Computer Vision 8, 1–207. https://doi.org/10.2200/S00822ED1V01Y201712COV015

Kortli, Y., Jridi, M., Al Falou, A., Atri, M., 2020. Face Recognition Systems: A Survey. Sensors 20, 342. https://doi.org/10.3390/s20020342

Li, X., Wang, F., Hu, Q., Leng, C., 2019. AirFace: Lightweight and Efficient Model for Face Recognition.

Manpreet Bagga, Baljit Singh, 2016. Spoofing detection in face recognition: A review. 2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom).

Ogden, S.S., Guo, T., 2019. Characterizing the Deep Neural Networks Inference Performance of Mobile Applications.

Prakash, R.M., Thenmoezhi, N., Gayathri, M., 2019. Face Recognition with Convolutional Neural Network and Transfer Learning, in: 2019 International Conference on Smart Systems and Inventive Technology (ICSSIT). IEEE, pp. 861–864. https://doi.org/10.1109/ICSSIT46314.2019.8987899

Salvi, M., Acharya, U.R., Molinari, F., Meiburger, K.M., 2021. The impact of pre- and post-image processing techniques on deep learning frameworks: A

comprehensive review for digital pathology image analysis. Comput Biol Med. https://doi.org/10.1016/j.compbiomed.2020.104129

Shorten, C., Khoshgoftaar, T.M., 2019. A survey on Image Data Augmentation for Deep Learning. J Big Data 6, 60. https://doi.org/10.1186/s40537-019-0197-0

Taylor, P., 2022. Smartphone mobile network subscriptions worldwide 2016-2028. Statista. URL https://www.statista.com/statistics/330695/number-of-smartphone-users-worldwide/ (accessed 4.20.23).

Xiao, J., Weiwei, G., 2019. Face recognition algorithm based on Prewitt and convolutional neural network, in: 2019 3rd International Conference on Electronic Information Technology and Computer Engineering (EITCE). IEEE, pp. 2007–2009. https://doi.org/10.1109/EITCE47263.2019.9095075

Yamashita, R., Nishio, M., Do, R.K.G., Togashi, K., 2018. Convolutional neural networks: an overview and application in radiology. Insights Imaging 9, 611–629. https://doi.org/10.1007/s13244-018-0639-9

Ying, X., Li, X., Chuah, M.C., 2018. LiveFace: A Multi-task CNN for Fast Face-Authentication, in: 2018 17th IEEE International Conference on Machine Learning and Applications (ICMLA). IEEE, pp. 955–960. https://doi.org/10.1109/ICMLA.2018.00155

Zhang, H., Qu, Z., Yuan, L., Li, G., 2017. A face recognition method based on LBP feature for CNN, in: 2017 IEEE 2nd Advanced Information Technology, Electronic and Automation Control Conference (IAEAC). IEEE, pp. 544–547. https://doi.org/10.1109/IAEAC.2017.8054074

Zhang, K., Zhang, Z., Li, Z., Qiao, Y., 2016. Joint Face Detection and Alignment using Multi-task Cascaded Convolutional Networks. https://doi.org/10.1109/LSP.2016.2603342

Zhang, S., Liu, A., Wan, J., Liang, Y., Guo, G., Escalera, S., Escalante, H.J., Li, S.Z., 2019. CASIA-SURF: A Large-scale Multi-modal Benchmark for Face Anti-spoofing.

Zulfiqar, M., Syed, F., Khan, M.J., Khurshid, K., 2019. Deep Face Recognition for Biometric Authentication, in: 2019 International Conference on Electrical, Communication, and Computer Engineering (ICECCE). IEEE, pp. 1–6. https://doi.org/10.1109/ICECCE47252.2019.8940725