

DAFTAR PUSTAKA

- Abd Elaziz, M., Dahou, A., Alsaleh, N. A., Elsheikh, A. H., Saba, A. I., & Ahmadein, M. (2021). Boosting covid-19 image classification using mobilenetv3 and aquila optimizer algorithm. *Entropy*, 23(11), 1–17. <https://doi.org/10.3390/e23111383>
- Achmad, Y., Wihandika, R. C., & Dewi, C. (2019). Klasifikasi emosi berdasarkan ciri wajah menggunakan convolutional neural network. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(11), 10595–10604. <https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/6732>
- A.E., N. H., & Zul, M. I. (2021). Aplikasi Penerjemah Bahasa Isyarat Indonesia Menjadi Suara Berbasis Android Menggunakan Tensorflow. *Jurnal Komputer Terapan*, 7(1), 74–83. <https://jurnal.pcr.ac.id/index.php/jkt/article/view/4629>
- Ahmad Hania, A. (2017). Mengenal Artificial Intelligence, Machine Learning, & Deep Learning. *Jurnal Teknologi Indonesia*, 1(June), 1–6.
- Arsal, M., Agus Wardijono, B., & Anggraini, D. (2020). Face Recognition Untuk Akses Pegawai Bank Menggunakan Deep Learning Dengan Metode CNN. *Jurnal Nasional Teknologi Dan Sistem Informasi*, 6(1), 55–63. <https://doi.org/10.25077/teknosi.v6i1.2020.55-63>
- Alwanda, M. R., Ramadhan, R. P. K., & Alamsyah, D. (2020). Implementasi Metode Convolutional Neural Network Menggunakan Arsitektur LeNet-5 untuk Pengenalan Doodle. *Jurnal Algoritme*, 1(1), 45–56. <https://doi.org/10.35957/algoritme.v1i1.434>
- Berrar, D. (2018). Cross-validation. *Encyclopedia of Bioinformatics and Computational Biology: ABC of Bioinformatics*, 1–3(January 2018), 542–545. <https://doi.org/10.1016/B978-0-12-809633-8.20349-X>
- Castellano, G., De Carolis, B., & Macchiarulo, N. (2021). Automatic emotion recognition from facial expressions when wearing a mask. *ACM International Conference Proceeding Series*. <https://doi.org/10.1145/3464385.3464730>
- Choe, J., & Shim, H. (2019). Attention-based dropout layer for weakly supervised object localization. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 2019-June, 2214–2223. <https://doi.org/10.1109/CVPR.2019.00232>

- Cotter, S. F. (2020). MobiExpressNet: A deep learning network for face expression recognition on smartphones. *Digest of Technical Papers - IEEE International Conference on Consumer Electronics*, 2020-Janua, 1–4. <https://doi.org/10.1109/ICCE46568.2020.9042973>
- Darmatasia. (2020). Analisis Perbandingan Performa Model Deep Learning untuk Mendeteksi Penggunaan Masker. *Jurnal IT*, 11(2), 101–107. <https://jurnal.lppm-stmikhandayani.ac.id/index.php/jti/article/view/193>
- Garg, Shubhangi. (2021). MaskedDatasetFER. FER dataset for faces with facemask: <https://www.kaggle.com/datasets/shubhangigarg/maskeddasetfer>
- Genc, C., Colley, A., Löchtefeld, M., & Häkkinen, J. (2020). Face mask design to mitigate facial expression occlusion. *Proceedings - International Symposium on Wearable Computers, ISWC*, 40–44. <https://doi.org/10.1145/3410531.3414303>
- Grundmann, F., Epstude, K., & Scheibe, S. (2021). Face masks reduce emotion-recognition accuracy and perceived closeness. *PLoS ONE*, 16(4 April), 3–8. <https://doi.org/10.1371/journal.pone.0249792>
- Hermawati, F. A., & Zai, R. A. (2021). Konferensi Nasional Ilmu Komputer (KONIK) 2021 Sistem Deteksi Pemakaian Masker Menggunakan Metode Viola-Jones dan Convolutional Neural Networks (CNN). 182–187. <https://prosiding.konik.id/index.php/konik/article/view/47>
- Hendriyana, & Maulana, Y. H. (2020). Identifikasi Jenis Kayu Menggunakan Convolutional Neural Network Dengan Arsitektur Mobilenet. *Ristek*, 4(1), 70–76. <http://jurnal.iaii.or.id/index.php/RESTI/article/view/1445/203>
- Ihsan, M., Niswatin, R. K., & Swanjaya, D. (2021). Deteksi Ekspresi Wajah Menggunakan Tensorflow. *Joutica*, 6(1), 428. <https://doi.org/10.30736/jti.v6i1.554>
- Kamal Hasan, M., Adiwijaya, & Said, A. F. (2019). Klasifikasi Citra Multi-Kelas Menggunakan Convolutional Neural Network. *E-Proceeding of Engineering*, 6(1), 2127–2136. https://openlibrary.telkomuniversity.ac.id/pustaka/files/149073/jurnal_eproc/klasifikasi-citra-multi-kelas-menggunakan-convolutional-neural-network.pdf
- Kanani, P., & Padole, M. (2019). Deep learning to detect skin cancer using google colab. *International Journal of Engineering and Advanced Technology*, 8(6), 2176–2183. <https://doi.org/10.35940/ijeat.F8587.088619>

- Kandel, I., Castelli, M., & Manzoni, L. (2022). Brightness as an Augmentation Technique for Image Classification. *Emerging Science Journal*, 6(4), 881–892. <https://doi.org/10.28991/esj-2022-06-04-015>
- Karsito, & Susanti, S. (2019). Klasifikasi Kelayakan Peserta Pengajuan Kredit Rumah Dengan Algoritma Naïve Bayes Di Perumahan Azzura Residencia. *Jurnal Teknologi Pelita Bangsa*, 9, 43–48. <https://www.jurnal.pelitabangsa.ac.id/index.php/sigma/article/view/509>
- Kusdiananggalih, P. P., & Rachmawati, E. (2021). Pengenalan Ekspresi Wajah Dari Cross Dataset Menggunakan Convolutional Neural Network (CNN). *e-Proceeding of Engineering : Vol.8, No.2 April 2021*. <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/14729/14506>.
- Kusumastuti, A. R., Kristian, Y., & Setyati, E. (2021). Klasifikasi Ketertarikan Belajar Anak PAUD Melalui Video Ekspresi Wajah Dan Gestur Menggunakan Convolutional Neural Network. *Jurnal Sisfokom (Sistem Informasi Dan Komputer)*, 10(2), 182–188. <https://doi.org/10.32736/sisfokom.v10i2.1146>
- Li, Z., Kamnitsas, K., & Glocker, B. (2021). Analyzing Overfitting under Class Imbalance in Neural Networks for Image Segmentation. *IEEE Transactions on Medical Imaging*, 40(3), 1065–1077. <https://doi.org/10.1109/TMI.2020.3046692>
- Mehindra Prasmatio, R., Rahmat, B., & Yuniar, I. (2020). Deteksi Dan Pengenalan Ikan Menggunakan Algoritma Convolutional Neural Network. *Jurnal Informatika Dan Sistem Informasi (JIFoSI)*, 1(2), 510–521. <http://jifosi.upnjatim.ac.id/index.php/jifosi/article/view/144/69>
- Micheal. (2022). Klasifikasi Spesies Kupu Kupu Menggunakan Metode Convolutional Neural Network. *MDP Student Conference2022*, 1(1), 569–577. <https://jurnal.mdp.ac.id/index.php/msc/article/view/1928>
- Nafis, A. F., Navastara, D. A., & Yuniarti, A. (2020). Facial Expression Recognition on Video Data with Various Face Poses Using Deep Learning. *ICITEE 2020 - Proceedings of the 12th International Conference on Information Technology and Electrical Engineering*, 362–367. <https://doi.org/10.1109/ICITEE49829.2020.9271740>
- Nyoman, P., & Putu Kusuma Negara. (2021). Deteksi Masker Pencegahan Covid19 Menggunakan Convolutional Neural Network Berbasis Android. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, 5(3), 576–583. <https://doi.org/10.29207/resti.v5i3.3103>

- Pei, Z., Xu, H., Zhang, Y., Guo, M., & Yee-Hong, Y. (2019). Face recognition via deep learning using data augmentation based on orthogonal experiments. *Electronics* (Switzerland), 8(10), 1–16. <https://doi.org/10.3390/electronics8101088>
- Prasetyawan, D., & 'Uyun, S. (2020). Penentuan Emosi pada Video dengan Convolutional Neural Network. *JISKA (Jurnal Informatika Sunan Kalijaga)*, 5(1), 23–35. <https://doi.org/10.14421/jiska.2020.51-04>
- Qian, S., Ning, C., & Hu, Y. (2021). MobileNetV3 for Image Classification. 2021 IEEE 2nd International Conference on Big Data, Artificial Intelligence and Internet of Things Engineering, ICBAIE 2021, Icbaie, 490–497. <https://doi.org/10.1109/ICBAIE52039.2021.9389905>
- Radhika, K., Devika, K., Aswathi, T., Sreevidya, P., Sowmya, V., & Soman, K. P. (2020). Performance analysis of NASNet on unconstrained ear recognition. In *Studies in Computational Intelligence: Vol. SCI 871*. Springer International Publishing. https://doi.org/10.1007/978-3-030-33820-6_3
- Ramdhani, R. R., Adam, R. I., & Ridha, A. A. (2021). Implementasi Deep Learning untuk Deteksi Masker. *Journal of Information Technology and Computer Science* (INTECOMS), 4(2), 384–391. <https://journal.ipm2kpe.or.id/index.php/INTECOM/article/view/2707>
- Ravi, R., Yadhukrishna, S. V., & Prithviraj, R. (2020). A Face Expression Recognition Using CNN LBP. *Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020*, Iccmc, 684–689. <https://doi.org/10.1109/ICCMC48092.2020.ICCMC-000127>
- Reynaldo, R. R., & Maliki, I. (2021). Pengenalan Ekspresi Wajah dengan Metode Viola Jones dan Convolutional Neural Network. *Komputika : Jurnal Sistem Komputer*, 10(1), 1–9. <https://doi.org/10.34010/komputika.v10i1.4119>
- Rismiyati, R., & Luthfiarta, A. (2021). VGG16 Transfer Learning Architecture for Salak Fruit Quality Classification. *Telematika*, 18(1), 37. <https://doi.org/10.31315/telematika.v18i1.4025>
- Rice, L., Wong, E., & Kolter, J. Z. (2020). Overfitting in adversarially robust deep learning. *37th International Conference on Machine Learning, ICML 2020, Part F168147-11*, 8049–8074. <https://doi.org/10.48550/arXiv.2002.11569>
- Sandler, M., Howard, A., Zhu, M., Zhmoginov, A., & Chen, L. C. (2018). MobileNetV2: Inverted Residuals and Linear Bottlenecks. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 4510–4520. <https://doi.org/10.1109/CVPR.2018.00474>

- Simonyan, K., & Zisserman, A. (2015). Very deep convolutional networks for large-scale image recognition. 3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings, 1–14. <https://arxiv.org/abs/1409.1556>
- Supriadi, M. F., Rachmawati, E., & Arifianto, A. (2021). Pembangunan Aplikasi Mobile Pengenalan Objek Untuk Pendidikan Anak Usia Dini. *Jurnal Teknologi Informasi Dan Ilmu Komputer*, 8(2), 357. <https://doi.org/10.25126/jtiik.2021824363>
- Tanuwijaya, E., Kartamihardja, D. C., Lianoto, T. L., Tanuwijaya, E., Kartamihardja, D. C., & Lianoto, T. L. (2021). Deteksi Ekspresi Wajah Manusia Menggunakan Convolution Neural Network Pada Citra Pembelajaran Daring. 03, 224–230. <https://media.neliti.com/media/publications/459983-deteksi-ekspresi-wajah-manusia-menggunakan-0816a1a2.pdf>
- Waheed, A. *et al.* (2020) ‘CovidGAN: Data Augmentation using Auxiliary Classifier GAN for Improved Covid-19 Detection’, pp. 1–9. doi: 10.1109/ACCESS.2020.2994762.
- Wahyu Widyaningsih, T., & Amalya Dewi, M. (2021). Bibliometric Analysis to Mapping Covid-19 Research Trends in Computer Science. *Agustus*, 20(3), 440–454.
- Wikarta, A., Pramono, A. S., & Ariatedja, J. B. (2020). Analisa Berbagai Optimizer Pada Convolutional Neural Network Untuk Deteksi Pemakaian Masker. *Seminar Nasional Informatika 2020 (SEMNASIF 2020)*, 2020(Semnasif), 69–72. <http://jurnal.upnyk.ac.id/index.php/semnasif/article/view/4087/3053>
- Xu, L., Fei, M., Zhou, W., & Yang, A. (2019). Face expression recognition based on convolutional neural network. ANZCC 2018 - 2018 Australian and New Zealand Control Conference, 115–118. <https://doi.org/10.1109/ANZCC.2018.8606597>
- Yang, B., Jianming, W., & Hattori, G. (2021). Face Mask Aware Robust Facial Expression Recognition During The Covid-19 Pandemic. 240–244. <https://doi.org/10.1109/icip42928.2021.9506047>
- Yang, B., Bo, Y., Jianming, W., & Gen, H. (2021). Occlusion aware Facial Landmark Detection based Facial Expression Recognition with Face Mask. *March*. <https://doi.org/10.13140/RG.2.2.11989.35046>

- Yang, B., Wu, J., & Hattori, G. (2020). Facial Expression Recognition with the advent of face masks. *ACM International Conference Proceeding Series*, 335–337. <https://doi.org/10.1145/3428361.3432075>
- Yang, B., Wu, J., & Hattori, G. (2020). LFW emoticon. Facial Expression Recognition with the advent of human beings all behind face masks. *ACM International Conference Proceeding Series, MUM2020*. Essen, Germany. <https://github.com/KDDI-AI-Center/LFW-emotion-dataset>
- Zhang, H., Zhang, L., & Jiang, Y. (2019). Overfitting and Underfitting Analysis for Deep Learning Based End-to-end Communication Systems. 2019 11th International Conference on Wireless Communications and Signal Processing, WCSP 2019, 1–6. <https://doi.org/10.1109/WCSP.2019.8927876>
- Zia, M. S., & Jaffar, M. A. (2015). An adaptive training based on classification system for patterns in facial expressions using SURF descriptor templates. *Multimedia Tools and Applications*, 74(11), 3881–3899. <https://doi.org/10.1007/s11042-013-1803-3>
- Zulkhaidi, T. C. A.-S., Maria, E., & Yulianto, Y. (2020). Pengenalan Pola Bentuk Wajah dengan OpenCV. *Jurnal Rekayasa Teknologi Informasi (JURTI)*, 3(2), 181. <https://doi.org/10.30872/jurti.v3i2.4033>