

DAFTAR PUSTAKA

- Ahmad, I., Peter, S., & Yuntong, S. (2020). Estimating the Hyporheic Depth Beneath a Pool-Riffle Bedform Using the Rankine Body Analytical Method. *Journal of Hydrologic Engineering*, 25(8), 4020034. [https://doi.org/10.1061/\(ASCE\)HE.1943-5584.0001944](https://doi.org/10.1061/(ASCE)HE.1943-5584.0001944)
- Apa itu Convolutional Neural Network?* | by QOLBIYATUL LINA | Medium. (n.d.). Retrieved March 6, 2024, from <https://medium.com/@16611110/apa-itu-convolutional-neural-network-836f70b193a4>
- Arisandi, L., & Satya, B. (2022). Sistem Klarifikasi Bahasa Isyarat Indonesia (Bisindo) Dengan Menggunakan Algoritma Convolutional Neural Network. *Jurnal Sistem Cerdas*, 5(3), 135–146. <https://doi.org/10.37396/jsc.v5i3.262>
- Azizah, L. M., Ajipratama, D. B., Putri, N. A. R., & Damarjati, C. (2022). Analisa Sentimen Masyarakat Terhadap Kebijakan Vaksinasi Covid-19 Di Indonesia Pada Twitter Menggunakan Algoritma LSTM La. *JURNAL IPTEKKOM Jurnal Ilmu Pengetahuan & Teknologi Informasi*, 24(2), 161–172. <https://doi.org/10.17933/iptekkom.24.2.2022.161-172>
- Bakti, I., & Firdaus, M. (2023). Arsitektur CNN InceptionResNet-V2 Untuk Pengelompokan Pneumonia Chest X-Ray. *Jurnal Komputer Dan Teknologi*, 1(77), 35–42. <https://doi.org/10.58290/jukomtek.v1i2.66>
- Cendekia Vandara, R., Wibowo, S. A., & Usman, K. (n.d.-a). *PERFORMANCE ANALYSIS OF FACE ALIGNMENT ON 3-DIMENSIONAL (3D) FACE RECONSTRUCTION USING MODIFIED POSITION MAP REGRESSION NETWORK*.
- Cendekia Vandara, R., Wibowo, S. A., & Usman, K. (n.d.-b). *PERFORMANCE ANALYSIS OF FACE ALIGNMENT ON 3-DIMENSIONAL (3D) FACE RECONSTRUCTION USING MODIFIED POSITION MAP REGRESSION NETWORK*.
- dewangnautiyal. (2024). *ML | Underfitting and Overfitting*. Geeksforgeeks.Org. <https://www.geeksforgeeks.org/underfitting-and-overfitting-in-machine-learning/>
- Fadillah, R. Z., Irawan, A., Susanty, M., & Artikel, I. (2021). Data Augmentasi Untuk Mengatasi Keterbatasan Data Pada Model Penerjemah Bahasa Isyarat Indonesia (BISINDO). *Jurnal Informatika*, 8(2), 208–214. <https://ejournal.bsi.ac.id/ejournal/index.php/ji/article/view/10768>
- Fawwaz, M. A. A., Ramadhani, K. N., & Sthevani, F. (2020). *Klasifikasi Ras pada hewan peliharaan menggunakan Algoritma Convolutional Neural Network (CNN)*. 8(1), 715–730.

- Gunardi, M. F. (2023). Implementasi Augmentasi Citra pada Suatu Dataset. *Jurnal Informatika*, 9(1), 1–5.
- Han, H., Zhang, Q., Li, F., Du, Y., Gu, Y., & Wu, Y. (2022). Metallic product recognition with dual attention and multi-branch residual blocks-based convolutional neural networks. *Circular Economy*, 1(2), 100014. <https://doi.org/10.1016/j.cec.2022.100014>
- HARIYANI, Y. S., HADIYOSO, S., & SIADARI, T. S. (2020). Deteksi Penyakit Covid-19 Berdasarkan Citra X-Ray Menggunakan Deep Residual Network. *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, 8(2), 443. <https://doi.org/10.26760/elkomika.v8i2.443>
- He, K., Zhang, X., Ren, S., & Sun, J. (2016). Deep residual learning for image recognition. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2016-Decem*, 770–778. <https://doi.org/10.1109/CVPR.2016.90>
- Hendri Candra Mayana, & Desmarita Leni. (2023). Deteksi Kerusakan Ban Mobil Menggunakan Convolutional Neural Network dengan Arsitektur ResNet-34. *Jurnal Surya Teknik*, 10(2), 842–851. <https://doi.org/10.37859/jst.v10i2.6336>
- Howard, J., & Gugger, S. (n.d.). *fastai: API Berlapis untuk Pembelajaran Mendalam*. 1–27.
- Korfiatis, P., Kline, T. L., Lachance, D. H., Parney, I. F., Buckner, J. C., & Erickson, B. J. (2017). Residual Deep Convolutional Neural Network Predicts MGMT Methylation Status. *Journal of Digital Imaging*, 30(5), 622–628. <https://doi.org/10.1007/s10278-017-0009-z>
- Latif, G., Alghmgham, D. A., Maheswar, R., Alghazo, J., Sibai, F., & Aly, M. H. (2023). Deep learning in Transportation: Optimized driven deep residual networks for Arabic traffic sign recognition. *Alexandria Engineering Journal*, 80(July 2022), 134–143. <https://doi.org/10.1016/j.aej.2023.08.047>
- Libertinus, A. M. (2021). Analisa Metode Hough Line Transform Untuk Mendeteksi Hewan Yang Berkamuflase Menggunakan Citra Digital. *Jurnal Informasi Dan Teknologi Ilmiah*, 8(3), 90–96.
- Long, L., Johnson, Z. V., Li, J., Lancaster, T. J., Aljapur, V., Streelman, J. T., & McGrath, P. T. (2020). Automatic Classification of Cichlid Behaviors Using 3D Convolutional Residual Networks. *IScience*, 23(10), 101591. <https://doi.org/10.1016/j.isci.2020.101591>
- Ma, L., & Long, Z. (2023). A Face Recognition Method Using ResNet34 and RetinaFace. *Academic Journal of Computing & Information Science*, 6(10), 18–23. <https://doi.org/10.25236/ajcis.2023.061003>

- Ma, X., Chen, W., & Xu, Y. (2024). ERCP-Net: a channel extension residual structure and adaptive channel attention mechanism for plant leaf disease classification network. *Scientific Reports*, *14*(1), 1–14. <https://doi.org/10.1038/s41598-024-54287-3>
- Maulana Baihaqi, W., Raras, C., Widiawati, A., Sabila, D. P., & Wati, A. (2021). Analisis Gambar Sel Darah Berbasis Convolution Neural Network untuk Mendiagnosis Penyakit Demam Berdarah Convolution Neural Network-Based Image Analysis of Blood Cells to Diagnose Dengue Fever. *Cogito Smart Journal* |, *7*(1).
- Mei Sarah, A., Kurniadi, B., Warsini, E., Informasi, S., & Royal Kisaran, S. (2023). IMPLEMENTASI METODE REGRESI LINEAR DALAM MEMPREDIKSI PENYAKIT ANEMIA SECARA DINI. *Jurnal Teknologi Komputer Dan Sistem Informasi* Februari, *3*(1), 14–23. <http://jurnal.goretanpena.com/index.php/teknisi>
- MEKACAHYANI, R. (2024). *KLASIFIKASI PENYAKIT KULIT DERMATITIS ATOPIK DAN PSORIASIS MENGGUNAKAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK DENGAN MODEL* repository.unissula.ac.id. <http://repository.unissula.ac.id/id/eprint/34032>
- Mekruksavanich, S., Hnoohom, N., & Jitpattanakul, A. (2022). A Hybrid Deep Residual Network for Efficient Transitional Activity Recognition Based on Wearable Sensors. *Applied Sciences (Switzerland)*, *12*(10). <https://doi.org/10.3390/app12104988>
- Mhapsekar, M., Mhapsekar, P., Mhatre, A., & Sawant, V. (2020). *Implementation of Residual Network (ResNet) for Devanagari Handwritten Character Recognition* (pp. 137–148). https://doi.org/10.1007/978-981-15-3242-9_14
- Munir, R. (2022). *24 – Convolutional Neural Network Referensi*. 1–45.
- Mustakim, F., Fauziah, F., & Hayati, N. (2021). Algoritma Artificial Neural Network pada Text-based Chatbot Frequently Asked Question (FAQ) Web Kuliah Universitas Nasional. *Jurnal JTIC (Jurnal Teknologi Informasi Dan Komunikasi)*, *5*(4), 438. <https://doi.org/10.35870/jtik.v5i4.261>
- Nasha Hikmatia A.E., & Zul, M. I. (2021). Aplikasi Penerjemah Bahasa Isyarat Indonesia menjadi Suara berbasis Android menggunakan Tensorflow. *Jurnal Komputer Terapan*, *7*(1), 74–83. <https://doi.org/10.35143/jkt.v7i1.4629>
- Niswati, Z., Hardatin, R., Muslimah, M. N., & Hasanah, S. N. (2021). Perbandingan Arsitektur ResNet50 dan ResNet101 dalam Klasifikasi Kanker Serviks pada Citra Pap Smear. *Faktor Exacta*, *14*(3), 160. <https://doi.org/10.30998/faktorexacta.v14i3.10010>

- Niu, Z. Bin, Jia, S. Y., & Xu, H. H. (2024). Automated graptolite identification at high taxonomic resolution using residual networks. *IScience*, 27(1), 108549. <https://doi.org/10.1016/j.isci.2023.108549>
- Nofal Anam. (2022). *Sistem Deteksi Simbol Pada Sibi (Sistem Isyarat Bahasa Indonesia) Menggunakan Mediapipe Dan ResNet-50*.
- Nurhikmat, T. (2018). *IMPLEMENTASI DEEP LEARNING UNTUK IMAGE CLASSIFICATION MENGGUNAKAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK (CNN) PADA CITRA WAYANG GOLEK*. <https://doi.org/10.13140/RG.2.2.10880.53768>
- Pamungkas, R. W. P., & Khalida, R. (2019). Fishbone Kerangka Pembuatan Peta Jalan (Roadmap) Badan Persandian. *Jurnal Media Informatika Budidarma*, 3(1), 54. <https://doi.org/10.30865/mib.v3i1.1065>
- Pandiangan, F. S., & Rosadi, M. (2023). Analisis Dialek Dalam Bentuk Bahasa Percakapan Dalam Film “Imperfect” Karya Meira Anastasia. *Journal of Educational Research and Humaniora (JERH)*, 1(September), 47–58.
- Pattanaik, P. A., Mittal, M., Khan, M. Z., & Panda, S. N. (2022). Malaria detection using deep residual networks with mobile microscopy. *Journal of King Saud University - Computer and Information Sciences*, 34(5), 1700–1705. <https://doi.org/10.1016/j.jksuci.2020.07.003>
- Pradnya D, W. M., & Kusumaningtyas, A. P. (2022). Analisis Pengaruh Data Augmentasi Pada Klasifikasi Bumbu Dapur Menggunakan Convolutional Neural Network. *Jurnal Media Informatika Budidarma*, 6(4), 2022. <https://doi.org/10.30865/mib.v6i4.4201>
- Prasetyo, E., Suciati, N., & Faticah, C. (2022). Multi-level residual network VGGNet for fish species classification. *Journal of King Saud University - Computer and Information Sciences*, 34(8), 5286–5295. <https://doi.org/10.1016/j.jksuci.2021.05.015>
- Pratama, M. S., & Razaq, J. A. (2023). Analisa Jaringan Fiber Optik Di Telkom Akses Menggunakan Metode Fishbone. *Jurnal Ilmiah Komputer Grafis*, 16(1), 45–54. <https://doi.org/10.51903/pixel.v16i1.1051>
- Putri Ayuni, D., Jasril, Irsyad, M., Yanto, F., & Sanjaya, S. (2023). Augmentasi Data Pada Implementasi Convolutional Neural Network Arsitektur Efficientnet-B3 Untuk Klasifikasi Penyakit Daun Padi. *ZONAsi: Jurnal Sistem Informasi*, 5(2), 239–249. <https://doi.org/10.31849/zn.v5i2.13874>
- Ramadhanti, I., Prasetiadi, A., & Kresna, I. (2024). CLOTHING RECOMMENDATION AND FACE SWAP MODEL BASED ON VGG16, AUTOENCODER, AND FACIAL LANDMARK POINTS. *Jurnal Teknik*

Informatika (JUTIF), 5(1), 19–29.
<https://doi.org/10.52436/1.jutif.2024.5.1.1016>

- Ratna, S. (2020). Pengolahan Citra Digital Dan Histogram Dengan Phyton Dan Text Editor Phycharm. *Technologia: Jurnal Ilmiah*, 11(3), 181.
<https://doi.org/10.31602/tji.v11i3.3294>
- Ridhovan, A., & Suharso, A. (2022). Penerapan Metode Residual Network (Resnet) Dalam Klasifikasi Penyakit Pada Daun Gandum. *JUPI (Jurnal Ilmiah Penelitian Dan Pembelajaran Informatika)*, 7(1), 58–65.
<https://doi.org/10.29100/jipi.v7i1.2410>
- Rima Dias Ramadhani, Nur Aziz Thohari, A., Kartiko, C., Junaidi, A., Ginanjar Laksana, T., & Alim Setya Nugraha, N. (2021). Optimasi Akurasi Metode Convolutional Neural Network untuk Identifikasi Jenis Sampah. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, 5(2), 312–318.
<https://doi.org/10.29207/resti.v5i2.2754>
- Riyadi, A. S., Wardhani, I. P., Wulandari, M. S., & Widayati, S. (2022). Perbandingan Metode ResNet, YoloV3, dan TinyYoloV3 pada Deteksi Citra dengan Pemrograman Python. *Petir*, 15(1), 135–144.
<https://doi.org/10.33322/petir.v15i1.1302>
- Sahoo, J., Saini, S. K., singh, S., Saxena, A. K., Sharma, S., Awasthi, A., & Rajalakshmi, R. (2023). Residual learning for segmentation of the medical images in healthcare. *Measurement: Sensors*, 32(December 2023), 100998.
<https://doi.org/10.1016/j.measen.2023.100998>
- Salam, A., Sunandar, H., & Saputra, I. (2018). Analisa Deteksi Tepi Citra Menggunakan Metode Krisch Dan Unsharp Masking Pada Image Ct Scan. *Jurnal Pelita Informatika*, 6(4), 398–401.
- Sanjaya, J., & Ayub, M. (2020). *Augmentasi Data Pengenalan Citra Mobil Menggunakan Pendekatan Random Crop , Rotate , dan Mixup*. 6, 311–323.
- Sanusi, N. I., Ramadhani, S., & Irsyad, M. (2023). Analisa Gambar X-Ray Mammography dengan Convolution Neural Network pada Deep Learning dengan Arsitektur Resnet. *Jurnal Sistem Komputer Dan Informatika (JSON)*, 4(4), 604. <https://doi.org/10.30865/json.v4i4.6365>
- Sari, I., Fivrenodi, Altiarika, E., & Sarwindah. (2023). Sistem Pengembangan Bahasa Isyarat Untuk Berkomunikasi dengan Penyandang Disabilitas (Tunarungu). *Journal of Information Technology and Society*, 1(1), 20–25.
<https://doi.org/10.35438/jits.v1i1.21>
- Sarwinda, D., Paradisa, R. H., Bustamam, A., & Anggia, P. (2021). Deep Learning in Image Classification using Residual Network (ResNet) Variants for

- Detection of Colorectal Cancer. *Procedia Computer Science*, 179(2019), 423–431. <https://doi.org/10.1016/j.procs.2021.01.025>
- Sasongko, T. B., Haryoko, H., & Amrullah, A. (2023). Analisis Efek Augmentasi Dataset dan Fine Tune pada Algoritma Pre-Trained Convolutional Neural Network (CNN). *Jurnal Teknologi Informasi Dan Ilmu Komputer*, 10(4), 763–768. <https://doi.org/10.25126/jtiik.20241046583>
- Sembiring, A. S. (2012). Operasi-operasi Dasar Pengolahan Citra Digital. *Operasi-Operasi Dasar Pengolahan Citra Digital*, 41–60. <https://asanisembiring.wordpress.com/modul-kuliah/pengolahan-citra-s1/>
- Silvanie, A., & Subekti, R. (2022). APLIKASI CHATBOT UNTUK FAQ AKADEMIK DI IBI-K57 DENGAN LSTM DAN PENYEMATAN KATA. *Jurnal Informatika Dan Komputer) Akreditasi KEMENRISTEKDIKTI*, 5(1). <https://doi.org/10.33387/jiko>
- Sistem Isyarat Bahasa Indonesia (SIBI)*. (n.d.). Retrieved March 6, 2024, from <https://www.kaggle.com/datasets/alvinbintang/sibi-dataset>
- Smith, L. N. (2018). *A disciplined approach to neural network hyper-parameters: Part 1 -- learning rate, batch size, momentum, and weight decay*. <http://arxiv.org/abs/1803.09820>
- Sriyati, S., Setyanto, A., & Luthfi, E. E. (2020). Literature Review: Pengenalan Wajah Menggunakan Algoritma Convolutional Neural Network. *Jurnal Teknologi Informasi Dan Komunikasi (TIKomSiN)*, 8(2). <https://doi.org/10.30646/tikomsin.v8i2.463>
- Sun, H., Wang, A., Wang, W., & Liu, C. (2021). An improved deep residual network prediction model for the early diagnosis of alzheimer's disease. *Sensors*, 21(12), 1–15. <https://doi.org/10.3390/s21124182>
- Sun, S., Zhang, Z., Huang, B., Lei, P., Su, J., Pan, S., & Cao, J. (2021). *Sparse-softmax: A Simpler and Faster Alternative Softmax Transformation*. <http://arxiv.org/abs/2112.12433>
- Tasci, B., Acharya, M. R., Baygin, M., Dogan, S., Tuncer, T., & Belhaouari, S. B. (2023). InCR: Inception and concatenation residual block-based deep learning network for damaged building detection using remote sensing images. *International Journal of Applied Earth Observation and Geoinformation*, 123(August), 103483. <https://doi.org/10.1016/j.jag.2023.103483>
- Tsai, A., & Kleinman, P. (2022). Machine learning to identify distal tibial classic metaphyseal lesions of infant abuse: a pilot study. *Pediatric Radiology*, 52. <https://doi.org/10.1007/s00247-022-05287-w>

- Wadekar, S., & Singh, D. K. (2023). A modified convolutional neural network framework for categorizing lung cell histopathological image based on residual network. *Healthcare Analytics*, 4(May), 100224. <https://doi.org/10.1016/j.health.2023.100224>
- Wang, H., Zhu, H., Ding, L., & Yang, K. (2023). A diagnostic classification of lung nodules using multiple-scale residual network. *Scientific Reports*, 13(1), 1–11. <https://doi.org/10.1038/s41598-023-38350-z>
- Widodo, T. T., Bil'haq, A., & Putri, M. V. (2022). Analisa Keselamatan Dan Kesehatan Kerja Menggunakan Metode Hazard Identification Risk Assessment And Risk Control (Hirarc) Dan Hazard And Operability Study (Hazops) di Pt.Xyz. *Engineering and Technology International Journal*, 4(02), 101–110. <https://doi.org/10.55642/eatij.v4i02.207>
- Xu, J., Zhang, Y., & Miao, D. (2020). Three-way confusion matrix for classification: A measure driven view. *Information Sciences*, 507, 772–794. <https://doi.org/https://doi.org/10.1016/j.ins.2019.06.064>
- Zhao, J., Hu, L., Dong, Y., Huang, L., Weng, S., & Zhang, D. (2021). A combination method of stacked autoencoder and 3D deep residual network for hyperspectral image classification. *International Journal of Applied Earth Observation and Geoinformation*, 102, 102459. <https://doi.org/10.1016/j.jag.2021.102459>
- Zschech, P., Sager, C., Siebers, P., & Pertermann, M. (2021). Mit Computer Vision zur automatisierten Qualitätssicherung in der industriellen Fertigung: Eine Fallstudie zur Klassifizierung von Fehlern in Solarzellen mittels Elektrolumineszenz-Bildern. *HMD Praxis Der Wirtschaftsinformatik*, 58(2), 321–342. <https://doi.org/10.1365/s40702-020-00641-8>