

DAFTAR PUSTAKA

- Abidin, S. (2018). Deteksi Wajah Menggunakan Metode Haar Cascade Classifier Berbasis Webcam Pada Matlab. *Jurnal Teknologi Elektroika*, 2(1), 21. <https://doi.org/10.31963/elekterika.v2i1.2102>
- Ahmed, R., Kazi Emrul Kayes Emon, & Hossain, M. F. (2014). Robust driver fatigue recognition using image processing. *2014 International Conference on Informatics, Electronics & Vision (ICIEV)*, 1–6. <https://doi.org/10.1109/ICIEV.2014.6850713>
- Akbar, H., & Sandfreni, S. (2021). KLASIFIKASI KANKER SERVIKS MENGGUNAKAN MODEL CONVOLUTIONAL NEURAL NETWORK ALEXNET. *JIKO (Jurnal Informatika Dan Komputer)*, 4(1), 44–51. <https://doi.org/10.33387/jiko.v4i1.2606>
- Alamsyah, D., & Pratama, D. (2020). Implementasi Convolutional Neural Networks (CNN) untuk Klasifikasi Ekspresi Citra Wajah pada FER-2013 Dataset. *Jurnal Teknologi Informasi*, 4(2), 350–355. <https://doi.org/10.36294/jurti.v4i2.1714>
- Albashish, D., Al-Sayyed, R., Abdullah, A., Ryalat, M. H., & Ahmad Almansour, N. (2021). Deep CNN Model based on VGG16 for Breast Cancer Classification. *2021 International Conference on Information Technology (ICIT)*, 805–810. <https://doi.org/10.1109/ICIT52682.2021.9491631>
- Alya, R. F., Wibowo, M., & Paradise, P. (2023). CLASSIFICATION OF BATIK MOTIF USING TRANSFER LEARNING ON CONVOLUTIONAL NEURAL NETWORK (CNN). *Jurnal Teknik Informatika (Jutif)*, 4(1), 161–170. <https://doi.org/10.52436/1.jutif.2023.4.1.564>
- Anggara, D., Suarna, N., & Arie Wijaya, Y. (2023). Performance Comparison Analysis Of Optimizer Adam, SGD, and RMSPROP on The H5 Model. *Jurnal Ilmiah NERO*, 8(1), 2023. <https://www.kaggle.com/datasets/jonathanoheix/face-expression-recognition-dataset>
- Banish, M. G., Amogha, U., & Apoorva, U. (2019). Segregation of Trash for Recyclability. *Ijresm.Com*, 8. https://www.ijresm.com/Vol.2_2019/Vol2_Iss8_August19/IJRESM_V2_I8_97.pdf
- Chaabene, S., Bouaziz, B., Boudaya, A., Hökelmann, A., Ammar, A., & Chaari, L. (2021). Convolutional Neural Network for Drowsiness Detection Using EEG Signals. *Sensors*, 21(5), 1734. <https://doi.org/10.3390/s21051734>
- Faurina, R., Purwandari, E. P., Pratama, M. T., & Agustian, I. (2021). Klasifikasi Level Non-Proliferatif Retinopati Diabetik Dengan Ensemble Convolutional Neural Network. *Pseudocode*, 8(1 SE-Articles), 1–10. <https://doi.org/10.33369/pseudocode.8.1.1-10>
- Hardiyanto, D., & Anggun Sartika, D. (2018). Optimalisasi Metode Deteksi Wajah berbasis Pengolahan Citra untuk Aplikasi Identifikasi Wajah pada Presensi Digital. *Setrum : Sistem Kendali-Tenaga-Elektronika-Telekomunikasi-Komputer*, 7(1), 107. <https://doi.org/10.36055/setrum.v7i1.3367>
- Kuchera, M. P., Ramanujan, R., Taylor, J. Z., Strauss, R. R., Bazin, D., Bradt, J., & Chen, R. (2019). Machine learning methods for track classification in the AT-TPC. *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 940, 156–167. <https://doi.org/10.1016/j.nima.2019.05.097>
- Lasri, I., Solh, A. R., & Belkacemi, M. El. (2019). Facial Emotion Recognition of Students using Convolutional Neural Network. *2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS)*, 1–6. <https://doi.org/10.1109/ICDS47004.2019.8942386>

- Mehta, S., Dadhich, S., Gumber, S., & Jadhav Bhatt, A. (2019). Real-Time Driver Drowsiness Detection System Using Eye Aspect Ratio and Eye Closure Ratio. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3356401>
- Miranda, N. D., Novamizanti, L., & Rizal, S. (2020). CONVOLUTIONAL NEURAL NETWORK PADA KLASIFIKASI SIDIK JARI MENGGUNAKAN RESNET-50. *Jurnal Teknik Informatika (Jutif)*, 1(2), 61–68. <https://doi.org/10.20884/1.jutif.2020.1.2.18>
- Poorna, S. S., Arsha, V. V., Aparna, P. T. A., Gopal, P., & Nair, G. J. (2018). *Drowsiness Detection for Safe Driving Using PCA EEG Signals* (pp. 419–428). https://doi.org/10.1007/978-981-10-7871-2_40
- Purwitasari, N. A., & Soleh, M. (2022). Implementasi Algoritma Artificial Neural Network Dalam Pembuatan Chatbot Menggunakan Pendekatan Natural Language Parocessing. *Jurnal IPTEK*, 6(1). <https://doi.org/10.31543/jii.v6i1.192>
- Puteri, R. T., & Utaminingrum, F. (2020). Deteksi Kantuk Menggunakan Kombinasi Haar Cascade dan Convolutional Neural Network. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 4. <https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/7049>
- Resa Arif Yudianto, M., Sukmasetya, P., Abul Hasani, R., & Sasongko, D. (2022). Pengaruh Data Preprocessing terhadap Imbalanced Dataset pada Klasifikasi Citra Sampah menggunakan Algoritma Convolutional Neural Network. *Building of Informatics, Technology and Science (BITS)*, 4(3). <https://doi.org/10.47065/bits.v4i3.2575>
- Richo, R., Yudha Adhitya, R., Khoirul Hasin, M., Syai'in, M., & Setiawan, E. (2023). Analisis Pengaruh Optimizer pada Model CNN untuk Identifikasi Cacat pada Perekat Kemasan Optimizer Analysis on the CNN Model for Identification Packaging Defects. *Jurnal Sisfotenika*, 13(2), 217–229. <http://sisfotenika.stmikpontianak.ac.id/index.php/ST>
- Sommerville, I. (2011). *SOFTWARE ENGINEERING* (M. Hirsch, M. Horton, M. Goldstein, J. Holcomb, & C. Bell (eds.); 9th ed.). Addison-Wesley. <https://engineering.futureuniversity.com/BOOKS FOR IT/Software-Engineering-9th-Edition-by-Ian-Sommerville.pdf>
- Sravan, C., Onesim, K. J., Bhavana, V. S. S., Arthi, R., & Srinadh, G. (2018). Eye Fatigue Detection System. *2018 International Conference on System Modeling & Advancement in Research Trends (SMART)*, 245–247. <https://doi.org/10.1109/SYSMART.2018.8746956>
- Supirman, S., Lubis, C., Yulianto, D., & Perdana, N. J. (2023). KLASIFIKASI PENYAKIT KULIT MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK (CNN) DENGAN ARSITEKTUR VGG16. *Simtek : Jurnal Sistem Informasi Dan Teknik Komputer*, 8(1), 135–140. <https://doi.org/10.51876/simtek.v8i1.217>
- Syafira, A. R., & Ariyanto, G. (2017). Sistem Deteksi Wajah dengan Modifikasi Metode Viola Jones. *Emitor: Jurnal Teknik Elektro*, 17(1), 26–33. <https://doi.org/10.23917/emitor.v17i1.5964>
- Tamina, S. (2019). Transfer learning using VGG-16 with Deep Convolutional Neural Network for Classifying Images. *International Journal of Scientific and Research Publications (IJSRP)*, 9(10), p9420. <https://doi.org/10.29322/IJSRP.9.10.2019.p9420>
- Viola, P., & Jones, M. (n.d.). Rapid object detection using a boosted cascade of simple features. *Proceedings of the 2001 IEEE Computer Society Conference on Computer Vision and Pattern Recognition. CVPR 2001, 1*, I-511-I-518. <https://doi.org/10.1109/CVPR.2001.990517>
- Wahid, A. (2020). *Analisis Metode Waterfall Untuk Pengembangan Sistem Informasi*.
- Wulandari, I., Yasin, H., & Widiharih, T. (2020). KLASIFIKASI CITRA DIGITAL BUMBU

DAN REMPAH DENGAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK (CNN). *Jurnal Gaussian*, 9(3), 273–282. <https://doi.org/10.14710/j.gauss.v9i3.27416>

Yauri-Machaca, M., Meneses-Claudio, B., Vargas-Cuentas, N., & Roman-Gonzalez, A. (2018). Design of a Vehicle Driver Drowsiness Detection System Through Image Processing using Matlab. *2018 IEEE 38th Central America and Panama Convention (CONCAPAN XXXVIII)*, 1–6. <https://doi.org/10.1109/CONCAPAN.2018.8596513>