

DAFTAR PUSTAKA

- Adrianto, L. B., Wahyuddin, M. I., & Winarsih, W. (2021). Implementasi Deep Learning untuk Sistem Keamanan Data Pribadi Menggunakan Pengenalan Wajah dengan Metode Eigenface Berbasis Android. *JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, 89-96.
- Agrawal, A., & Mittal, N. (2020). Using CNN for facial expression recognition: a study of the effects of kernel size and number of filters on accuracy. *The Visual Computer*, 405-412.
- Alamsyah, D., & Pratama, D. (2020). IMPLEMENTASI CONVOLUTIONAL NEURAL NETWORKS (CNN) UNTUK KLASIFIKASI EKSPRESI CITRA WAJAH PADA FER-2013 DATASET. *Jurnal Teknologi Informasi*, 350-355.
- Atmajaya, D., Febrianti, A., & Darwis, H. (2023). Metode SVM dan Naive Bayes untuk Analisis Sentimen ChatGPT di Twitter. *Indonesian Journal of Computer Science*, 2173-2181.
- Azizi, F. N. (2021). Deteksi Emosi Menggunakan Citra Ekspresi Wajah Secara Otomatis. *DSpace UII*.
- Bodavarapu, P. N., & Srinivas, P. V. (2021). Facial expression recognition for low resolution images using convolutional neural networks and denoising techniques. *INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY*, 971-983.
- Carolina, I., & Supriyatna, A. (2019). PENERAPAN METODE EXTREME PROGRAMMING DALAM PERANCANGAN APLIKASI PERHITUNGAN KUOTA SKS MENGAJAR DOSEN. *Jurnal IKRA-ITH Informatika*, 106-113.
- Chen, H. (2020). Semantic visual localization for visually.
- Danukusumo, K. P. (2017). IMPLEMENTASI DEEP LEARNING MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK UNTUK KLASIFIKASI CITRA CANDI BERBASIS GPU.
- Deteksi Antusiasme Siswa dengan Algoritma Yolov8 pada Proses Pembelajaran Daring. (2024). *Jurnal Indonesia : Manajemen Informatika dan Komunikasi*, 1611-1618.
- Dewi, S. R. (2018). DEEP LEARNING OBJECT DETECTION PADA VIDEO MENGGUNAKAN TENSORFLOW DAN CONVOLUTIONAL NEURAL NETWORK. *DSpace UII*.
- Elfwing, S., Uchibe, E., & Doya, K. (2017). Sigmoid-Weighted Linear Units for Neural Network Function Approximation in Reinforcement Learning.
- Feng, X., Jiang, Y., Yang, X., Du, M., & Li, X. (2019). Computer vision algorithms and hardware implementations: A survey. *Integration*, 309-320.

- Fujiyoshi, H., Hirakawa, T., & Yamashita, T. (2019). Deep learning-based image recognition for autonomous driving. *IATSS Research*, 244-252.
- Goodfellow, I. J., Erhan, D., Carrier, P., Courville, A., Mirzsa, M., Hamner, B., . . . Bengio, Y. (2013). Challenges in Representation Learning: A report on three machine learning contests.
- Jiang, P., Ergu, D., Liu, F., Cai, Y., & Ma, B. (2022). A Review of Yolo Algorithm Developments. *Procedia Computer Science*, 1066-1073.
- Jie, H. J., & Wnda, P. (2020). RunPool: A Dynamic Pooling Layer for Convolution Neural Network. *International Journal of Computational Intelligence Systems*.
- Ju, R.-Y., & Cai, W. (2023). Fracture Detection in Pediatric Wrist Trauma X-ray Images Using YOLOv8 Algorithm.
- Kangune, K., Kulkarni, V., & Kosamkar, P. (2019). Grapes Ripeness Estimation using Convolutional Neural network and Support Vector Machine. *2019 Global Conference for Advancement in Technology (GCAT)*. Bangalore: IEEE.
- MathWorks. (2021). *Introducing Deep Learning with MATLAB*.
- Meeki, N., Amine, A., Boudia, M. A., & Hamou, R. M. (2020). Deep Learning for Non Verbal Sentiment Analysis: Facial Emotional Expressions.
- Minaee, S., Boykov, Y., Porikli, F., Plaza, A., Kehtarnavaz, N., & Terzopoulos, D. (2020). Image Segmentation Using Deep Learning: A Survey.
- Mustakim, A., Santoso, I., & Zahra, A. A. (2017). PENGENALAN EKSPRESI WAJAH MANUSIA MENGGUNAKAN TAPIS GABOR 2-D DAN SUPPORT VECTOR MACHINE (SVM). *TRANSIENT*, 232-238.
- Nurhikmat, T. (2018). IMPLEMENTASI DEEP LEARNING UNTUK IMAGE CLASSIFICATION MENGGUNAKAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK (CNN) PADA CITRA WAYANG GOLEK.
- Omar, J., Shabrina, N. H., Bhakti, A. N., & Patria, A. (2021). Emotion Recognition using Convolutional Neural Network on Virtual Meeting Image. *Ultima Computing : Jurnal Sistem Komputer*, 30-38.
- Pratiwi, B. P., Handayani, A. S., & Sarjana. (2020). Pengukuran Kinerja Sistem Kualitas Udara Dengan Teknologi WSN Menggunakan Confusion Matrix. *JURNAL INFORMATIKA UPGRIS*, VI(2), 66-75.
- Pricope, T.-V. (2021). *AN ANALYSIS ON VERY DEEP CONVOLUTIONAL NEURAL NETWORKS: PROBLEMS AND SOLUTIONS*. Studia Universitatis Babes-Bolyai Informatica.
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2015). *You Only Look Once: Unified, Real-Time Object Detection*.

- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You Only Look Once: Unified, Real-Time Object Detection. *2016 IEEE Conference on Computer Vision and Pattern Recognition* (pp. 779-788). Las Vegas: IEEE.
- Ristiawanto, S. P., Irawan, B., & Setianingsih, C. (2021). PENGENALAN EKSPRESI WAJAH BERBASIS CONVOLUTIONAL NEURAL NETWORK MENGGUNAKAN ARSITEKTUR RESIDUAL NETWORK-50. *e-Proceeding of Engineering*, 6455-6469.
- Saputri, P. A., Taqwa, A., & Soim, S. (2022). ANALISIS DETEKSI OBJEK CITRA DIGITAL MENGGUNAKAN ALGORITMA YOLO DAN CNN DENGAN ARSITEKTUR REPVGG PADA SISTEM PENDETEKSIAN DAN PENGENALAN EKSPRESI WAJAH. *Syntax Literate: Jurnal Ilmiah Indonesia*, VII, 13068-13080.
- Seandrio, A. L. (2021). *IMPLEMENTASI CONVOLUTIONAL NEURAL NETWORK (CNN) PADA PENGENALAN EKSPRESI WAJAH*. S1. Universitas Pembangunan Nasional Veteran Yogyakarta.
- Seandrio, A. L., Pratomo, A. H., & Florestiyanto, M. Y. (2021). Implementasi Convolutional Neural Network (CNN) Pada Pengenalan Ekspresi Wajah. *Telematika: Jurnal Informatika dan Teknologi Informasi*, 211-221.
- Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 1-48.
- Simonyan, K., & Zisserman, A. (2015). VERY DEEP CONVOLUTIONAL NETWORKS FOR LARGE-SCALE IMAGE RECOGNITION. *3rd International Conference On Learning Representations*.
- Sukusvieri, A. (2020). IMPLEMENTASI METODE SINGLE SHOT DETECTOR (SSD) UNTUK PENGENALAN WAJAH. *REPOSITORY UNIVERSITAS DINAMIKA*.
- Tammina, S. (2019). Transfer learning using VGG-16 with Deep Convolutional Neural Network for Classifying Images. *International Journal of Scientific and Research Publications*, 143-150.
- Tang, L. (2021). Image Classification Based On improved VGG Network. *2021 IEEE 6th International Conference on Signal and Image Processing (ICSIP)*. IEEE.
- Tanuwijaya, E., Timotius, Kartamihardja, D. C., & Lianoto, T. L. (2021). DETEKSI EKSPRESI WAJAH MANUSIA MENGGUNAKAN CONVOLUTION NEURAL NETWORK PADA CITRA PEMBELAJARAN DARING. *Jurnal Ilmiah Betrik*, 224-230.
- Terven, J. R., Cordova-Esparza, D. M., Ramirez-Pedraza, A., & Chavez-Urbiola, E. A. (2023). LOSS FUNCTIONS AND METRICS IN DEEP LEARNING.
- Thanapol, P., Lavangnananda , K., Bouvry, P., Pinel, F., & Leprévost, F. (2020). Reducing Overfitting and Improving Generalization in Training Convolutional Neural Network

(CNN) under Limited Sample Sizes in Image Recognition. *2020 - 5th International Conference on Information Technology (InCIT)*. Chonburi: IEEE.

Thoriq, M. Y., Permana, K. E., & Siradjuddin, I. A. (2023). DETEKSI WAJAH MANUSIA BERBASIS ONE STAGE DETECTOR MENGGUNAKAN METODE YOU ONLY LOOK ONCE (YOLO). *JURNAL TEKNOINFO*, 66-73.

Thuan, D. (2021). EVOLUTION OF YOLO ALGORITHM AND YOLOV5: THE STATE-OF-THE-ART OBJECT DETECTION ALGORITHM.

Triwijoyo, B. K., Adil, A., & Anggrawan, A. (2021). Convolutional Neural Network with Batch Normalization for Classification of Emotional Expressions Based on Facial Images. *Matrik: Jurnal Manajemen, Teknik Informatika, dan Rekayasa Komputer*, 197-204.

Ulhaq, M. R., Firdaus, D., & Zaidan, M. A. (2023). Pengenalan Ekspresi Wajah Secara Real-Time Menggunakan Metode SSD Mobilenet Berbasis Android. *Journal of Technology and Informatics (JoTI)*, 48-52.

Wang, C.-Y., Bochkovskiy, A., & Liao, H.-Y. M. (2023). YOLOv7: Trainable Bag-of-Freebies Sets New State-of-the-Art for Real-Time Object Detectors. *2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*. Vancouver: IEEE.

Yin, X., & Liu, X. (2018). Multi-Task Convolutional Neural Network for Pose-Invariant Face Recognition. *IEEE Transactions on Image Processing* (pp. 964-975). IEEE.

Yusuf, A., Wihandika, R. C., & Dewi, C. (2019). Klasifikasi Emosi Berdasarkan Ciri Wajah Menggunakan Convolutional Neural Network. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 10594-10604.

Zhou, Y., Chang, H., Lu, Y., Lu, X., & Zhou, R. (2020). Improving the Performance of VGG Through Different Granularity Feature Combinations. *IEEE Access*, 9, 26208-26220.