

DAFTAR PUSTAKA

- [1] “Penyakit Koronavirus 2019”, Wikipedia, 2020
https://id.wikipedia.org/wiki/Penyakit_koronavirus_2019
- [2] M. Rahimzadeh, A. Attar, and M. Sakhai, “A Fully Automated Deep Learning-based Network For Detecting COVID-19 from a New And Large Lung CT Scan Dataset,” 2020, doi: 10.1101/2020.06.08.20121541.
- [3] Less Wright “EfficientNet from Google-Optimally Scalling CNN Model Architectures With Compound Scalling” Medium.com. 31 Mei 2019.
<https://medium.com/@lessw/efficientnet-from-google-optimally-scaling-cnn-model-architectures-with-compound-scaling-e094d84d19d4>
- [4] V. Shah, R. Keniya, A. Shridharani, M. Punjabi, J. Shah, and N. Mehendale, “Diagnosis of COVID-19 using CT scan images and deep learning techniques,” 2020, doi: 10.1101/2020.07.11.20151332
- [5] M. Z. Alom *et al.*, “A state-of-the-art survey on deep learning theory and architectures,” *Electronics (Switzerland)*, vol. 8, no. 3. MDPI AG, Mar. 01, 2019, doi: 10.3390/electronics8030292.
- [6] Ian Goodfellow, Yoshua Bengio, and Aaron Courville, “Convolutional Networks,” in *Deep Learning*, MIT Press, 2016, pp. 326–339.
- [7] K. O’Shea and R. Nash, “An Introduction to Convolutional Neural Networks,” Nov. 2015, [Online]. Available: <http://arxiv.org/abs/1511.08458>.
- [8] U. Dastgeer and C. Kessler, “A performance-portable generic component for 2d convolution computations on GPU-based systems,” *Proc. MULTIPROG-2012 Work. HiPEAC- ...*, 2012, [Online]. Available:
http://www.ida.liu.se/~usmda/papers/multiprog_2012_convol.pdf.
- [9] J. Fowers, G. Brown, P. Cooke, and G. Stitt, “Proceedings of the 1996 ACM/SIGDA International Symposium on Field Programmable Gate Arrays,” *ACM/SIGDA Int. Symp. F. Program. Gate Arrays - FPGA*, pp. 47–56, 1996.
- [10] Y. Chen, L. Xu, K. Liu, D. Zeng, and J. Zhao, “Event extraction via dynamic

- multi-pooling convolutional neural networks," ACL-IJCNLP 2015 - 53rd Annu. Meet. Assoc. Comput. Linguist. 7th Int. Jt. Conf. Nat. Lang. Process. Asian Fed. Nat. Lang. Process. Proc. Conf., vol. 1, pp. 167–176, 2015, doi: 10.3115/v1/p15-1017.*
- [11] C. Nwankpa, W. Ijomah, A. Gachagan, and S. Marshall, "Activation Functions: Comparison of trends in Practice and Research for Deep Learning," Nov. 2018, [Online]. Available: <http://arxiv.org/abs/1811.03378>.
 - [12] S. RIZAL, N. IBRAHIM, N. K. C. PRATIWI, S. SAIDAH, and R. Y. N. FU'ADAH, "Deep Learning untuk Klasifikasi Diabetic Retinopathy menggunakan Model EfficientNet," *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 8, no. 3, p. 693, 2020, doi: 10.26760/elkomika.v8i3.693.
 - [13] Christopher M. Bishop, *Pattern Recognition and Machine Learning*. Springer, 2006.
 - [14] Ü. Atila, M. Uçar, K. Akyol, and E. Uçar, "Plant leaf disease classification using EfficientNet deep learning model," *Ecol. Inform.*, vol. 61, no. September 2020, p. 101182, 2021, doi: 10.1016/j.ecoinf.2020.101182.
 - [15] H. Seddik, "A new family of Gaussian filters with adaptive lobe location and smoothing strength for efficient image restoration," *EURASIP J. Adv. Signal Process.*, vol. 2014, no. 1, pp. 1–11, 2014, doi: 10.1186/1687-6180-2014-25.
 - [16] R. P. Sari, "Enhancement Citra Fundus Retina Menggunakan CLAHE dan Wiener Filter," *Ars*, vol. 4, no. 1, pp. 978–979, 2018. *Ars*, vol. 4, no. 1, pp. 978–979, 2018.
 - [17] Campos, G. F. C., Mastelini, S. M., Aguiar, G. J., Mantovani, R. G., Melo, L. F. de, & Barbon, S. (2019). Machine learning hyperparameter selection for CLAHE. *Eurasip Journal on Image and Video Processing*, 2019, (1), 2.
 - [18] Wikipedia contributors, "Data acquisition," *Wikipedia, The Free Encyclopedia*, https://en.wikipedia.org/w/index.php?title=Data_acquisition&oldid=981342269 (accessed December 10, 2020).

- [19] D. P. Kingma and J. L. Ba, "Adam: A method for stochastic optimization," *3rd Int. Conf. Learn. Represent. ICLR 2015 - Conf. Track Proc.*, pp. 1–15, 2015.
- [20] Wikipedia contributors, "Stochastic gradient descent," *Wikipedia, The Free Encyclopedia*, https://en.wikipedia.org/w/index.php?title=Stochastic_gradient_descent&oldid=990751171 (accessed December 10, 2020).
- [21] Anggraini, Wulan, "*Deep Learning Untuk Deteksi Wajah Yang Berhijab Menggunakan Algoritma Convolutional Neural Network (CNN) Dengan Tensorflow.*" Tugas Akhir. Program Studi Pendidikan Teknologi Informasi Fakultas Tarbiyah dan Keguruan Universitas Islam Negeri Ar-Raniry.2020
- [22] E. Maria, Y. Yulianto, Y. P. Arinda, J. Jumiaty, and P. Nobel, "Segmentasi Citra Digital Bentuk Daun Pada Tanaman Di Politani Samarinda Menggunakan Metode Thresholding," *J. Rekayasa Teknol. Inf.*, vol. 2, no. 1, p. 37, 2018, doi: 10.30872/jurti.v2i1.1377.
- [23] Abidansyah, Farokhi, "*Perbandingan Citra RGB Dan Grayscale Pada Pengkodean Image Dengan Algoritma 3D Playfair.*" Tugas Akhir. Program Studi Matematika Fakultas Matematika Dan Ilmu Pengetahuan Alam Universitas Jember.2020
- [24] N. Saidah and Syarifuddin, "Implementasi Sistem Informasi Rekam Medis pada Klinik Jejaring Padjadjaran Basmallah Garut," *J. Sist. Inf. STMIK Antar Bangsa*, vol. 9, no. 2, pp. 51–56, 2020.
- [25] H. Hasugian and A. N. Shidiq, "Rancang Bangun Sistem Informasi Industri Kreatif Bidang Penyewaan Sarana Olahraga," *Semin. Nas. Teknol. Inf. dan Komun. Terap. 2012*, vol. 2012, no. Semantik 2012, pp. 606–612, 2012, [Online]. Available: <http://eprints.dinus.ac.id/202/>.
- [26] Eka Setiawan, Randi, "*Penerapan Deep Learning, NLP (Natural Language Processing) dan Data Visualization untuk Customer Research Digital Marketing Instagram.*" Tugas Akhir. Program Studi Sistem Informasi Fakultas Rekayasa Industri Telkom University.2019.

- [27] I. T. Ahmed, C. S. Der, N. Jamil, and M. A. Mohamed, “Improve of contrast-distorted image quality assessment based on convolutional neural networks,” *Int. J. Electr. Comput. Eng.*, vol. 9, no. 6, pp. 5604–5614, 2019, doi: 10.11591/ijece.v9i6.pp5604-5614.