

DAFTAR PUSTAKA

- Adella, V.G., Rusbandi., and Devella, S., July. 2023. “Pengenalan Tulisan Tangan Bahasa Korea Menggunakan Convolutional Neural Network Arsitektur Alexnet”. **JIKI (Jurnal Ilmu Komputer dan Informatika)** 4, 1:1-7.
- Agrawal, V., Jagtap, J., “Convolutional Vision Transformer for Handwritten Digit Recognition”. **Research Square**, [<https://doi.org/10.21203/rs.3.rs-1984839/v1>].
- Agrawal, V., Jagtap. J., Patil. S., and Kotecha. K., Jan. 2024. “Performance analysis of hybrid deep learning framework using a vision transformer and convolutional neural network for handwritten digit recognition”. **MethodsX** 12, 102554.
- Ahlawat, S., Choudhary, A., “Hybrid CNN-SVM classifier for handwritten digit recognition”. **Procedia Computer Science** 167, 2554-2560.
- Albawi, S., Mohammed, T.A., and Al-Zawi, S., Aug. 2017. “Understanding of a Convolutional Neural Network”. **International conference on engineering and technology (ICET) – IEEE**, 1-6.
- Alfarizi, M. R. S., Al-farish, M. Z., Taufiqurrahman, M., Ardiansah, G., and Elgar, M., 2023. “Penggunaan Python Sebagai Bahasa Pemrograman untuk Machine Learning dan Deep Learning”. **Karimah Tauhid** 2, 1:1-6.
- Alzubaidi, L., Zhang, J., Humaidi, A.J., Al-Dujaili, A., Duan, Y., Al-Shamma O., Santamaria, J., Fadhel, M.A., Al-Amidie, M., and Farhan, L., 2021. “Review of deep learning: concepts, CNN architectures, challenges, applications, future directions”. **Journal of big Data** 8, 53:1-74.
- Amartama, S.N., Hidayah, A.N., Sari, P.K., and Ramadhani, R.A., 2024. “Implementasi Convolutional Neural Network (CNN) dalam Pengenalan Pola Penulisan Tangan”. **Prosiding Seminar Nasional Teknologi dan Sains** 3, 1:133-138.

- Andika, L.A., Pratiwi, H., and Handajani, S.S., 2019. “Andika, L. A., Pratiwi, H., & Handajani, S. S. (2019). Klasifikasi penyakit pneumonia menggunakan metode convolutional neural network dengan optimasi adaptive momentum”. **Indonesian Journal of Statistics and Its Applications** 3, 3:331-340.
- Badillo, S., Banfai, B., Birzele, F., Davydov, I. I., Hutchinson, L., Kam-Thong, T., Polster, J.S., Steiert, B., and Zhang, J. D., April 2020. “An introduction to machine learning. Clinical pharmacology and therapeutics”. **Clinical pharmacology & therapeutics** 107, 4:871-885.
- Barhoumi, Y., and Rasool, G., July 2021. “Scopeformer: N-CNN-ViT hybrid model for intracranial hemorrhage classification”. **arXiv preprint** arXiv:2107.04575.
- Bowo, T.A., Syaputra, H., and Akbar, M., June 2020. “Penerapan Algoritma Convolutional Neural Network Untuk Klasifikasi Motif Citra Batik Solo”. **Journal Of Software Engineering Ampera** 1, 2:82-96.
- Dan, Y., Zhu, Z., Jin, W., and Li, Z., “PF-ViT: Parallel and Fast Vision Transformer for Offline Handwritten Chinese Character Recognition”. **Computational Intelligence and Neuroscience**, 2022.
- Dewi, A.O.P., 2020. “Kecerdasan Buatan sebagai Konsep Baru pada Perpustakaan”. **Anuva: Jurnal Kajian Budaya, Perpustakaan, dan Informasi** 4, 4:453-460.
- Dicoding., 2023. **Python: Pengertian, Contoh Penggunaan, dan Manfaat Mempelajarinya**, <URL:<https://www.dicoding.com/blog/python-pengertian-contoh-penggunaan-dan-manfaat-mempelajarinya/>>.
- Diskominfo Kabupaten Kediri., 2023. **Apa itu Bahasa python?**, <URL:<https://diskominfo.kedirikab.go.id/baca/apa-itu-bahasa-python/>>.
- Dharmadi, R., 2018. **Mengenal Convolutional Layer Dan Pooling Layer**, <URL:<https://medium.com/nodeflux/mengenal-convolutional-layer-dan-pooling-layer-3c6f5c393ab2>>.

- Dosovitskiy, A., Beyer, L., Kolesnikov, A., Weissenborn, D., Zhai, X., Unterthiner, T., Dehghani, M., Minderer, M., Heigold, G., Gelly, S., Uszkoreit, J., and Houlsby, N., June 2021. "An image is worth 16x16 words: Transformers for image recognition at scale". **arXiv** 2, 2010:11929.
- Figo, J.A., Yudistra, N., Widodo, A.W., March 2023. "Deteksi Covid-19 dari Citra X-ray menggunakan Vision Transformer". **Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer** 7, 3:1116-1125.
- Firmansyah, I., and Hayadi, B. H., 2022. "Komparasi Fungsi Aktivasi Relu Dan Tanh Pada Multilayer Perceptron". **JIKO (Jurnal Informatika dan Komputer)** 6, 2:200-206.
- Hardi, N., Sundari, J., May 2022. "Pengenalan Telapak Tangan Menggunakan Convolutional Neural Network (CNN)". **Jurnal Rekayasa Perangkat Lunak** 4, 1:10-15.
- Holzbauer, L., 2019. **Convolutional Neural Networks Explained...with American Ninja Warrior**, <URL: <https://blog.insightdatascience.com/convolutional-neural-networks-explained-with-american-ninja-warrior-c6649875861c>>.
- Ilham, F., and Rochmawati, N., 2020. "Transliterasi Aksara Jawa Tulisan Tangan ke Tulisan Latin Menggunakan CNN". **Journal of Informatics and Computer Science** 1, 4:200-208.
- Casia, J., 2021. **Handwritten Hangul Characters**, <URL: <https://www.kaggle.com/datasets/wayperwayp/hangulkorean-characters/data>>.
- Jeevan, P., Selhi, A., "Vision Xformers: Efficient Attention for Image Classification". **arXiv** 4, 2201:10271.
- Kedutaan Besar Republik Indonesia di Seoul, Republik Korea., 2018. **Profil Negara dan Hubungan Bilateral**, <URL: https://www.kemlu.go.id/seoul/id/pages/hubungan_bilateral/558/etc-menu>.

- Khandokar, I., Hasan, Md, M., Ernawan, F., Islam, Md, S., and Kabir, M, N.,
 “Handwritten character recognition using convolutional neural network”.
Journal of Physics: Conference Series 1918, 4:042152.
- Kianyew, N., 2023. **Intuition for Multi-headed Attention**, <URL:
<https://medium.com/@ngiengkianyew/multi-headed-attention-8b940b76c351>>.
- Kim, S., Long, P., and Robinson, M., Aug. 2009. “Small Screen, Big Tourism: The
 Role of Popular Korean Television Dramas in South Korean Tourism”.
**Tourism Geographies: An International Journal of Tourism Space,
 Place and Environment** 11, 3:308-333.
- King Sejong Institute Tangerang., 2023. **Perayaan Hangeul Day, Nonton
 Legenda hingga Games Seru**, <URL:<https://ksitangerang.id/perayaan-hangeul-day/>>.
- Kingma, D.P., and Ba, J.L., Jan. 2019. “ADAM: A METHOD FOR STOCHASTIC
 OPTIMIZATION”. **arXiv preprint** arXiv:1412.6980.
- Korea Tourism Organization., 2023. **23.6월 인도네시아 관광시장 동향**,
 <URL:<https://datalab.visitkorea.or.kr/site/portal/ex/bbs/View.do?cbIdx=1132&bcIdx=304864&pageIndex=1>>.
- Korean People., 2016. **한국, 관광객에 대한 사기행위 타격**,
 <URL:<http://korean.people.com.cn/84966/98348/15569980.html>>.
- Koushik., 2023. **Understanding Convolutional Neural Networks (CNNs) in
 Depth**, <URL: <https://medium.com/@koushikkushal95/understanding-convolutional-neural-networks-cnns-in-depth-d18e299bb438>>.
- Kwon, O.S., Kim, M., Park. M., and Kwon, Y.B., Oct. 1993. “A Cursive On-line
 Hangul Recognition System Based on the Combination of Line Segments”.
**In Proceedings of 2nd International Conference on Document Analysis
 and Recognition (ICDAR'93) (pp. 200-203)**. IEEE.

- Learn Korean., 2024. **Basics - Lesson 1 - Hangul Alphabet System Lesson**, <URL:<https://www.learn-korean.net/Classes/Lesson/1/Beginner/BeginnerHangulAlphabetSystem>>.
- Lecun, Y., Bottou, L., Bengio, Y., and Haffner, P., Nov. 1998. "Gradient-based learning applied to document recognition". **Proceedings of the IEEE** 86, 11:2278-2324.
- Liu, W., Li, C., Xu, N., Jiang, T., Rahaman, Md. M., Sun, H., Wu, X., Chen, H., Sun, C., Yao, Y., and Grzegorzec, M., "CVM-Cervix: A Hybrid Cervical Pap-Smear Image Classification Framework Using CNN, Visual Transformer and Multilayer Perceptron". **Elsevier** 130, 108829.
- Mahesh, B., Oct. 2020. "Machine Learning Algorithms - A Review". **International Journal of Science and Research (IJSR)** 9, 1:381-386.
- Mahmood, M., 2022. **Zero Padding in CNN**, <URL:<https://medium.com/@mohsinmahmood675/zero-padding-in-cnn-fa0a70af64ae>>.
- Melisa, M., Suyanto, S., and Tanaya, O., Sep. 2023. "Korean Wave in Indonesia: Are there any changes in perception and intention to visit Korea?". **Innovative Marketing** 19, 3:171-186.
- Munawar, Zen., Dec. 2016. "Penerapan Metode *Soft Computing* dalam Menyelesaikan Permasalahan di bidang Teknik". **Tematik – Jurnal Teknologi Informasi dan Komunikasi** 3, 2:47-58.
- Nikitha, A., Geetha, J., and JayaLakshmi, D.S., Nov. 2020 "Handwritten Text Recognition using Deep Learning". **International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT) – IEEE**, 388-392.
- O' Mahony, N., Campbell, S., Carvalho, A., Harapanahalli, S., Hernandez, G.V., Krpalkova, L., Riordan, D., and Walsh, J., 2020. "Deep Learning vs. Traditional Computer Vision". **In Advances in Computer Vision:**

Proceedings of the 2019 Computer Vision Conference (CVC) - Springer International Publishing 1, 1:128-144.

Parmar, R., 2018. **Training Deep Neural Networks**, <URL: <https://towardsdatascience.com/training-deep-neural-networks-9fdb1964b964>>.

Pongtambing, Y.S., Appa, F.E., Siddik, A.M.A., Sampetoding, E.A.M., Admawati, H., Purba A.A., Sau, A., and Manapa, E.S., June 2023. “Peluang dan Tantangan Kecerdasan Buatan Bagi Generasi Muda”. **Bakti Sekawan: Jurnal Pengabdian Masyarakat** 3, 1:23-28.

Pradhana, S.C.A., Wisesty, U.N., and Sthevanie, F., 2020. “Pengenalan Aksara Jawa dengan Menggunakan Algoritma Convolutional Neural Network”. **E-Proceedings of Engineering** 7, 1:2558-2567.

Putri, N.D., 2021. “STRUKTUR TERBAIK NEURAL NETWORK MENGGUNAKAN ALGORITMA BACKPROPAGATION DAN 4 FUNGSI AKTIVASI DALAM MEMREDIKSI INDEKS HARGA SAHAM GABUNGAN (IHSG)”.

Rachmawati, D.W., Rahman, E.T., Ahyani, H., Sembada, A.D., Sari, M., Syahadat, R.M., and Mariski. 2023. **Bahasa Korea**. Widina Media Utama.

Rahman, S., Sembiring, A., Siregar, D., Khair, H., Prahmana, I.G., Puspadini, R., and Zen, M. 2023. **Python: Dasar dan Pemrograman Berorientasi Objek**. Tahta Media Group.

Rahmawati, C., 2020. “**The Massive Korean Wave in Indonesia and Its Effects in the Term of Culture**”, <URL:https://www.researchgate.net/profile/Chatarina-Rahmawati/publication/345487743_The_Massive_Korean_Wave_in_Indonesia_and_Its_Effects_in_the_Term_of_Culture/links/5fa790dd92851cc286a02f5f/The-Massive-Korean-Wave-in-Indonesia-and-Its-Effects-in-the-Term-of-Culture.pdf>.

- Ramadhani, F., Satria, A., and Salamah, S. 2023. "Implementasi Algoritma Convolutional Neural Network dalam Mengidentifikasi Dini Penyakit pada Mata Katarak". **sudo Jurnal Teknik Informatika** 2, 4:167-175.
- Revou., 2024. **Neural Network**, <URL:<https://revou.co/kosakata/neural-network>>.
- Salsabila, U.H. and Agustian, N., Jan. 2021. "Peran Teknologi Pendidikan Dalam Pembelajaran". **Jurnal Keislaman dan Ilmu Pendidikan** 3, 1:123-133.
- Saputra, R.A. and Asdar, A., 2021. "Pengenalan Pola Huruf Hijaiah dengan Metode Backpropagation". **Proceeding KONIK (Konferensi Nasional Ilmu Komputer)** 5, 424-427.
- Saxena, S., 2024. **Introduction to Softmax Activation Function for Neural Network**, <URL:<https://www.analyticsvidhya.com/blog/2021/04/introduction-to-softmax-for-neural-network/>>.
- Septiawan. A.N. and Setiadi. T., 2013. "Aplikasi Pengenalan Huruf Hangeul Berbasis Multimedia Interaktif". **Jurnal Sarjana Teknik Informatika** 1, 1:347-357.
- Suprianto, D., 2016. **Kategori Machine Learning**, <URL:<https://doditsuprianto.blogspot.com/2018/05/kategori-machine-learning.html>>.
- Suresh, A., Nov. 2020. **What is a confusion matrix?**, <URL:<https://medium.com/analytics-vidhya/what-is-a-confusion-matrix-d1c0f8feda5>>.
- Susanti, R.Y., and Wulanningrum, R., Sep. 2020. "Deep Learning Untuk Pengenalan Tanda Tangan Dengan Jaringan Syaraf Tiruan". **Prosiding SEMNAS INOTEK (Seminar Nasional Inovasi Teknologi)** 4, 2:225-230.
- Swawikanti, K., 2023. **Macam-Macam Huruf Korea (Hangul), Pelafalan, Cara Membaca dan Menulisnya**, <URL:<https://www.ruangguru.com/blog/belajar-huruf-hangul-korea>>.

- Towards AI., 2022. **Introduction To Pooling Layers In CNN**, <URL:<https://towardsai.net/p/l/introduction-to-pooling-layers-in-cnn>>.
- Trsvchn., 2019. **How to calculate output sizes after a convolution layer in a configuration file?**, <URL:<https://stackoverflow.com/questions/56450969/how-to-calculate-output-sizes-after-a-convolution-layer-in-a-configuration-file>>.
- Vishwakarma, N., 2024. **What is Adam Optimizer?**, <URL:<https://www.analyticsvidhya.com/blog/2023/09/what-is-adam-optimizer/>>.
- W. Dahman, D., 2021. **Convolutional Neural Network**, <URL:<https://medium.com/sysinfo/convolutional-neural-network-1c8c1d7e0707>>.
- Wulandari, I., Yasin, H., and Widiharih, T., 2020. “KLASIFIKASI CITRA DIGITAL BUMBU DAN REMPAH DENGAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK (CNN)”. **Jurnal Gaussian** 9, 3:273-282.
- Yani, D. R., April. 2020. “Penerapan Jaringan Syaraf Tiruan Dalam Pengenalan Huruf Aksara Suku Karo dengan Metode Perceptron”. **Journal of Information Sistem Research (JOSH)** 1, 3:109-114.
- Yu, D., Wang, H., Chen, P., Wei, Z., Oct. 2014. “Mixed Pooling for Convolutional Neural Networks”. **The 9th International Conference on Rough Sets and Knowledge Technology (RSKT'14)**, 364-375.
- Zhou, V., Nov. 2019. **CNNs, Part 1: An Introduction to Convolutional Neural Networks**, <URL:<https://victorzhou.com/blog/intro-to-cnns-part-1/>>.