

## DAFTAR PUSTAKA

- [1] E. Bulbul, A. Cetin and I. A. Dogru, "*Human Activity Recognition Using Smartphones*," 2018 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), pp. 1-6, October 2018.
- [2] A. Malshika Welhenge and A. Taparugssanagorn, "*Human activity classification using long short-term memory network*," Signal, Image Video Processing, vol. 13, no. 4, pp. 651–656, June 2019.
- [3] J. Wang, Y. Chen, S. Hao, X. Peng, and L. Hu, "*Deep learning for sensor-based activity recognition: A survey*," Pattern Recognition Letters, vol.119, pp. 3-11, March 2019.
- [4] A. Ferrari, D. Micucci, M. Mobilio, and P. Napolitano, "*Human activities recognition using accelerometer and gyroscope*," European conference on ambient intelligence Springer International Publishing, vol. 11912, pp. 357-362, November 2019.
- [5] Khimraj, P. K. Shukla, A. Vijayvargiya and R. Kumar, "*Human Activity Recognition using Accelerometer and Gyroscope Data from Smartphones*," 2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3), pp. 1-6, February 2020.
- [6] S. Deep and X. Zheng, "*Hybrid Model Featuring CNN and LSTM Architecture for Human Activity Recognition on Smartphone Sensor Data*," 2019 20th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT), pp. 259-264, December 2019.
- [7] V. Ghate and C. Sweetlin Hemalatha, "*Hybrid deep learning approaches for smartphone sensor-based human activity recognition*," Multimedia Tools and Applications, vol. 80, no. 28–29, pp. 35585–35604, February 2021.

- [8] S. Mekruksavanich and A. Jitpattanakul, "Smartwatch-based Human Activity Recognition Using Hybrid LSTM Network," 2020 IEEE SENSORS, pp. 1-4, October 2020.
- [9] Y. Chen, K. Zhong, J. Zhang, Q. Sun, and X. Zhao, "LSTM Networks for Mobile Human Activity Recognition" 2016 International conference on artificial intelligence: technologies and applications, pp. 50-53, January 2016.
- [10] F. Cruciani et al., "A Public Domain Dataset for Human Activity Recognition in Free-Living Conditions," 2019 IEEE SmartWorld, Ubiquitous Intelligence & Computing, Advanced & Trusted Computing, Scalable Computing & Communications, Cloud & Big Data Computing, Internet of People and Smart City Innovation (SmartWorld/SCALCOM/UIC/ATC/CBDCom/IOP/SCI), pp. 166-171, April 2019
- [11] M. Webber and R. F. Rojas, "Human Activity Recognition with Accelerometer and Gyroscope: A Data Fusion Approach," *IEEE Sensors Journal*, vol. 21, no. 15, pp. 16979–16989, August 2021.
- [12] G. Zaharchuk, E. Gong, M. Wintermark, D. Rubin, and C. P. Langlotz, "Deep learning in neuroradiology," *Am. J. Neuroradiol.*, vol. 39, no. 10, pp. 1776–1784, October 2018.
- [13] O. N. Putri, "Implementasi Metode CNN Dalam Klasifikasi Gambar Jamur Pada Analisis Image Processing (Studi Kasus: Gambar Jamur Dengan Genus Agaricus Dan Amanita)," pp. 1–80, September 2020.
- [14] M. W. Berry, A. Mohamed, B. W. Yap "Supervised and Unsupervised Learning for Data Science" Springer International Publishing, September 2019.
- [15] L. Deng and D. Yu, "Deep learning: Methods and applications," *Foundations and trends® in signal processing*, vol. 7, no. 3–4, pp. 197–387, June 2014.

- [16] S. R. Dewi, “*Deep Learning Object Detection Pada Video*,” Deep Learning Object Detection pada video menggunakan Tensorflow dan Convolutional Neural Network., May 2018.
- [17] F. Mahendra, Y. E., Ilyas, R., & Kasyidi, "Klasifikasi Kalimat Ilmiah Menggunakan 1D Convolutional Neural Networks." Prosiding Industrial Research Workshop and National Seminar, vol. 11, no. 1, pp. 503-509, September 2020.
- [18] Y. Bengio, I. Goodfellow, A. Courville, "CNS Neurological Disorders - Drug Targets" vol. 1, pp. 53–55, February 2009.
- [19] S. Hochreiter and J. Schmidhuber, “Long Short-Term Memory,” Neural Computation, vol. 9, no. 8, pp. 1735–1780, November 1997.
- [20] M. K. Hernandi, S. A. Wibowo, S. Suyanto, “Penerapan sentiment analysis untuk customer experience indihome di twitter menggunakan Bidirectional Long Short Term Memory”, 2021
- [21] J. Septiadi, B. Warsito, and A. Wibowo, “Human Activity Prediction using Long Short Term Memory,” InE3S Web of Conferences 2020, vol. 202, pp. 1–12, 2020.
- [22] D. P. Kingma DP, J. L. Ba "Adam: A method for stochastic optimization" arXiv preprint arXiv:1412.6980, December 2014.
- [23] F. Rahma, “Sensor accelerometer dan gyroscope dengan metode K-Nearest Neighbor berbasis arduino,” Doctoral dissertation, Universitas Brawijaya, 2018.
- [24] N. Rochmawati, H. B. Hidayati, Y. Yamasari, H. P. A. Tjahyaningtjas, W. Yustanti, and A. Prihanto, “Analisa *Learning Rate* dan *Batch Size* pada Klasifikasi Covid Menggunakan Deep Learning dengan Optimizer Adam,” Journal Information Engineering and Educational Technology, vol. 5, no. 2, pp. 44–48, 2021.

- [25] C. Zhang, F. Feng, V. -M. -R. Gongal-Reddy, Q. J. Zhang and J. W. Bandler, "Cognition-Driven Formulation of Space Mapping for Equal-Ripple Optimization of Microwave Filters," in *IEEE Transactions on Microwave Theory and Techniques*, vol. 63, no. 7, pp. 2154-2165, July 2015,
- [26] C. Ozgur, T. Colliau, G. Rogers, and Z. Hughes, "MatLab vs. Python vs. R," *Journal of data Science*, vol. 15, no. 3, pp. 355–371, July 2021.
- [27] A. A. Hakim, "Klasifikasi *Human Activity Recognition* menggunakan metode Convolutional Neural Network," *Jurnal Repositor*, vol. 3, no. 2, March 2021.
- [28] J. Xu, Y. Zhang, and D. Miao, "*Three-way confusion matrix for classification: A measure driven view*," *Information Science*, vol. 507, pp. 772–794, January 2020.
- [29] N. Dua, S. N. Singh, and V. B. Semwal, "*Multi-input CNN-GRU based human activity recognition using wearable sensors*," *Computing*, vol. 103, no. 7, pp. 1461–1478, July 2021.
- [30] K. Xia, J. Huang, and H. Wang, "LSTM-CNN Architecture for *Human Activity Recognition*," *IEEE Access*, vol. 8, pp. 56855–56866, March 2020.
- [31] R. Mutegeki and D. S. Han, "A CNN-LSTM Approach to *Human Activity Recognition*," *2020 International Conference on Artificial Intelligence in Information and Communication (ICAIIIC)*, pp. 362–366, February 2020.
- [32] N. Sikder, M. S. Chowdhury, A. S. M. Arif and A. -A. Nahid, "*Human Activity Recognition Using Multichannel Convolutional Neural Network*," *2019 5th International Conference on Advances in Electrical Engineering (ICAEE)*, pp. 560-565, September 2019.