

## DAFTAR PUSTAKA

- [1] D. Bouchabou, C. Lohr, I. Kanellos, and S. M. Nguyen, “Human Activity Recognition (HAR) in Smart Homes,” Dec. 2021, [Online]. Available: <http://arxiv.org/abs/2112.11232>
- [2] D. R. Deepak Jatkar Anil Surve, “HUMAN ACTIVITY RECOGNITION AND FALL DETECTION,” 2021. [Online]. Available: <http://www.ijeast.com>
- [3] X. Li, Y. He, and X. Jing, “A survey of deep learning-based human activity recognition in radar,” *Remote Sensing*, vol. 11, no. 9. MDPI AG, May 01, 2019. doi: 10.3390/rs11091068.
- [4] S. W. Kang, M. H. Jang, and S. Lee, “Identification of human motion using radar sensor in an indoor environment,” *Sensors*, vol. 21, no. 7, Apr. 2021, doi: 10.3390/s21072305.
- [5] S. Ahmed, J. Park, and S. H. Cho, “FMCW Radar Sensor Based Human Activity Recognition using Deep Learning,” 2022. doi: 10.1109/ICEIC54506.2022.9748776.
- [6] M. Jankiraman, “FMCW Radar Design,” 2018.
- [7] D. Roy, S. Girdzijauskas, and S. Socolovschi, “Confidence-calibrated human activity recognition,” *Sensors*, vol. 21, no. 19, Oct. 2021, doi: 10.3390/s21196566.
- [8] M. I. (Merrill I. Skolnik, *Radar handbook*. McGraw-Hill, 1990.
- [9] M. I. (Merrill I. Skolnik, *Introduction to radar systems*. McGraw-Hill, 1980.
- [10] A. A. Pramudita, F. Y. Suratman, and D. Arseno, “Modified FMCW system for non-contact sensing of human respiration,” *J Med Eng Technol*, vol. 44, no. 3, pp. 114–124, Apr. 2020, doi: 10.1080/03091902.2020.1753835.
- [11] M. Jahn, C. Wagner, and A. Stelzer, “DC-offset compensation concept for monostatic FMCW radar transceivers,” *IEEE Microwave and Wireless Components Letters*, vol. 20, no. 9, pp. 525–527, Sep. 2010, doi: 10.1109/LMWC.2010.2056359.
- [12] A. V. Oppenheim, A. S. Willsky, and S. H. Nawab, *Signals and Systems*, 2nd ed. Upper Saddle River, NJ, USA: Prentice Hall, 1997.

- [13] P. Adi Nugroho, I. Fenriana, and R. Arijanto, “IMPLEMENTASI DEEP LEARNING MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK ( CNN ) PADA EKSPRESI MANUSIA,” *JURNAL ALGOR*, vol. 2, no. 1, 2020, [Online]. Available: <https://jurnal.buddhidharma.ac.id/index.php/algory/index>
- [14] S. Ilahiyah and A. Nilogiri, “Implementasi Deep Learning Pada Identifikasi Jenis Tumbuhan Berdasarkan Citra Daun Menggunakan Convolutional Neural Network,” *JUSTINDO (Jurnal Sistem & Teknologi Informasi Indonesia)*, vol. 3, 2018.
- [15] R. Rasyid and Abdul Ibrahim, “Implementation of Machine Learning Using the Convolution Neural Network Method for Aglaonema Interest Classification,” *Jurnal E-Komtek (Elektro-Komputer-Teknik)*, vol. 5, no. 1, pp. 21–30, Jun. 2021, doi: 10.37339/e-komtek.v5i1.434.
- [16] A. Anton, N. F. Nissa, A. Janiati, N. Cahya, and P. Astuti, “Application of Deep Learning Using Convolutional Neural Network (CNN) Method For Women’s Skin Classification,” *Scientific Journal of Informatics*, vol. 8, no. 1, pp. 144–153, May 2021, doi: 10.15294/sji.v8i1.26888.
- [17] Y. N. Fu’adah, N. C. Pratiwi, M. A. Pramudito, and N. Ibrahim, “Convolutional Neural Network (CNN) for Automatic Skin Cancer Classification System,” in *IOP Conference Series: Materials Science and Engineering*, Dec. 2020, vol. 982, no. 1. doi: 10.1088/1757-899X/982/1/012005.
- [18] A. F. Agarap, “Deep Learning using Rectified Linear Units (ReLU),” Mar. 2018, [Online]. Available: <http://arxiv.org/abs/1803.08375>
- [19] H. Sepriandi, I. Jondri, M. Si, and U. N. Wisesty, “ANALISIS DEEP LEARNING UNTUK MENGENALI QRS KOMPLEKS PADA SINYAL ECG DENGAN METODE CNN.”
- [20] H. J. Jie and P. Wanda, “Runpool: A dynamic pooling layer for convolution neural network,” *International Journal of Computational Intelligence Systems*, vol. 13, no. 1, pp. 66–76, Jan. 2020, doi: 10.2991/ijcis.d.200120.002.
- [21] Y. N. Fu’Adah, I. Wijayanto, N. K. C. Pratiwi, F. F. Taliningsih, S. Rizal, and M. A. Pramudito, “Automated Classification of Alzheimer’s Disease Based on MRI Image Processing using Convolutional Neural Network (CNN) with AlexNet Architecture,” in *Journal of Physics: Conference Series*, Mar. 2021, vol. 1844, no. 1. doi: 10.1088/1742-6596/1844/1/012020.

- [22] F. Demir, “Deep autoencoder-based automated brain tumor detection from MRI data,” *Artificial Intelligence-Based Brain-Computer Interface*, pp. 317–351, Jan. 2022, doi: 10.1016/B978-0-323-91197-9.00013-8.
- [23] P. Singh, N. Singh, K. K. Singh, and A. Singh, “Diagnosing of disease using machine learning,” *Machine Learning and the Internet of Medical Things in Healthcare*, pp. 89–111, Jan. 2021, doi: 10.1016/B978-0-12-821229-5.00003-3.
- [24] Anteral, “uRAD - Datasheet - RaspberryPi v1.2 - EN,” 2018.
- [25] uRAD by Anteral, “User Manual Raspberry Pi version Software SDK v1.1.”
- [26] “Raspberry Pi 4 Model B Datasheet.” [Online]. Available: <https://www.raspberrypi.org>