

- [6] S. Ren, K. He, R. Girshick, and J. Sun, "Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 39, no. 6, pp. 1137–1149, Jun. 2017, doi: 10.1109/tpami.2016.2577031.
- [7] O. F. Ince, I. F. Ince, J. S. Park, J. K. Song, and B. W. Yoon, "Child and adult classification using biometric features based on video analytics," *ICIC Express Lett. Part B Appl.*, vol. 8, no. 5, pp. 819–825, 2017, doi: 10.5281/zenodo.890713.
- [8] L. Cuimei, Q. Zhiliang, J. Nan, and W. Jianhua, "Human face detection algorithm via Haar cascade classifier combined with three additional classifiers," 2017.
- [9] C. Raghavachari, V. Aparna, S. Chithira, and V. Balasubramanian, "A Comparative Study of Vision Based Human Detection Techniques in People Counting Applications," *Procedia Computer Science*, vol. 58, pp. 461–469, 2015, doi: 10.1016/j.procs.2015.08.064.
- [10] R. Hussin, M. R. Juhari, N. W. Kang, R. C. Ismail, and A. Kamarudin, "Digital Image Processing Techniques for Object Detection From Complex Background Image," *Procedia Engineering*, vol. 41, pp. 340–344, 2012, doi: 10.1016/j.proeng.2012.07.182.
- [11] C. R. Kumar, S. N. M. Priyadarshini, D. G. E, and K. R. M, "Face recognition using CNN and siamese network," *Measurement: Sensors*, vol. 27, p. 100800, Jun. 2023, doi: 10.1016/j.measen.2023.100800.
- [12] S. Biswas, D. Chambers, W. D. Hairston, and S. Bhattacharya, "Head pose classification for passenger with CNN," *Transportation Engineering*, vol. 11, p. 100157, Mar. 2023, doi:10.1016/j.treng.2022.100157.
- [13] A. A. Solanke, "Explainable digital forensics AI: Towards mitigating distrust in AI-based digital forensics analysis using interpretable models," *Forensic Science International: Digital Investigation*, vol. 42, p. 301403, Jul. 2022, doi: 10.1016/j.fsidi.2022.301403.
- [14] X. Wang, F. Cheng, S. Wang, H. Sun, G. Liu, and C. Zhou, "Adult Image Classification," *2018 25th IEEE Int. Conf. Image Process.*, pp. 2989–2993, 2018.
- [15] H. Amroun, Mh. H. Temkit, and M. Ammi, "Best Feature for CNN Classification of Human Activity Using IOT Network," 2017 IEEE International Conference on Internet of Things (iThings) and IEEE Green Computing and Communications (GreenCom) and IEEE Cyber, Physical and Social Computing (CPSCom) and IEEE Smart Data (SmartData), Jun. 2017, doi: 10.1109/ithings-greencom-cpscom-smartdata.2017.145.
- [16] O. Uparkar, J. Bharti, R. K. Pateriya, R. K. Gupta, and A. Sharma, "Vision Transformer Outperforms Deep Convolutional Neural Network-based Model in Classifying X-ray Images," *Procedia Computer Science*, vol. 218, pp. 2338–2349, 2023, doi:10.1016/j.procs.2023.01.209.
- [17] W.-H. Yun, D. Lee, C. Park, J. Kim, and J. Kim, "Automatic Recognition of Children Engagement from Facial Video Using Convolutional Neural Networks," *IEEE Transactions on Affective Computing*, vol. 11, no. 4, pp. 696–707, Oct. 2020, doi:10.1109/taffc.2018.2834350.
- [18] B. Liu, C.-M. Pun, and X.-C. Yuan, "Digital Image Forgery Detection Using JPEG Features and Local Noise Discrepancies," *The Scientific World Journal*, vol. 2014, pp. 1–12, 2014, doi: 10.1155/2014/230425.
- [19] J. Waleed and T. M. Hasan, "Techniques (AFTs) Based Compressed Image," no. March, pp. 7–9, 2017.
- [20] V. Kate and P. Shukla, "A 3 Tier CNN model with deep discriminative feature extraction for discovering malignant growth in multi-scale histopathology images," *Informatics in Medicine Unlocked*, vol. 24, p. 100616, 2021, doi: 10.1016/j.imu.2021.100616.
- [21] P. Kuppusamy and V. C. Bharathi, "Human abnormal behavior detection using CNNs in crowded and uncrowded surveillance – A survey," *Measurement: Sensors*, vol. 24, p. 100510, Dec. 2022, doi:10.1016/j.measen.2022.100510.
- [22] A. Shah et al., "A comprehensive study on skin cancer detection using artificial neural network (ANN) and convolutional neural network (CNN)," *Clinical eHealth*, vol. 6, pp. 76–84, Dec. 2023, doi:10.1016/j.ceh.2023.08.002.
- [23] A. Kamel, B. Sheng, P. Yang, P. Li, R. Shen, and D. D. Feng, "Deep Convolutional Neural Networks for Human Action Recognition Using Depth Maps and Postures," pp. 1–14, 2018.
- [24] Y. Zhang, J. Gao, and H. Zhou, "Breeds Classification with Deep Convolutional Neural Network," *Proceedings of the 2020 12th International Conference on Machine Learning and Computing*, Feb. 2020, doi: 10.1145/3383972.3383975.
- [25] R. Chikkala, S. Edara, and P. Bhima, "Human facial image age group classification based on third order four pixel pattern (TOFP) of wavelet image," *Int. Arab J. Inf. Technol.*, vol. 16, no. 1, pp. 30–40, 2019.
- [26] K. Kärkkäinen and J. Joo, "FairFace: Face Attribute Dataset for Balanced Race, Gender, and Age," 2019, [Online]. Available: <http://arxiv.org/abs/1908.04913>.
- [27] V. Mirjalili, S. Raschka, and A. Ross, "PrivacyNet: Semi-Adversarial Networks for Multi-Attribute Face Privacy," *IEEE Transactions on Image Processing*, vol. 29, pp. 9400–9412, 2020, doi:10.1109/tip.2020.3024026.
- [28] B. Johnston and P. de Chazal, "A review of image-based automatic facial landmark identification techniques," *EURASIP Journal on Image and Video Processing*, vol. 2018, no. 1, Sep. 2018, doi:10.1186/s13640-018-0324-4.
- [29] A. Nurhadiyatna, S. Cahyadi, F. Damatraseta, and Y. Rianto, "Adult content classification through deep convolution neural network," 2017 International Conference on Computer, Control, Informatics and its Applications (IC3INA), Oct. 2017, doi: 10.1109/ic3ina.2017.8251749.
- [30] C. Gautam and K. R. Seeja, "Facial emotion recognition using Handcrafted features and CNN," *Procedia Computer Science*, vol. 218, pp. 1295–1303, 2023, doi: 10.1016/j.procs.2023.01.108.
- [31] L. F. de J. Silva, O. A. C. Cortes, and J. O. B. Diniz, "A novel ensemble CNN model for COVID-19 classification in computerized tomography scans," *Results in Control and Optimization*, vol. 11, p. 100215, Jun. 2023, doi: 10.1016/j.rico.2023.100215.
- [32] G. Liang, H. Hong, W. Xie, and L. Zheng, "Combining Convolutional Neural Network With Recursive Neural Network for Blood Cell Image Classification," vol. 6, 2018.
- [33] Y. Nie, S. Xia, and Y. Wu, "Wheel classification using convolutional neural networks," 2018 33rd Youth Academic Annual Conference of Chinese Association of Automation (YAC), May 2018, doi:10.1109/yac.2018.8406429.
- [34] P. Zhou, X. Han, V. I. Morariu, and L. S. Davis, "Two-Stream Neural Networks for Tampered Face Detection," 2017 IEEE Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), Jul. 2017, doi: 10.1109/cvprw.2017.229.
- [35] H. Han, C. Otto, X. Liu, and A. K. Jain, "Demographic Estimation from Face Images: Human vs. Machine Performance," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, vol. 37, no. 6, pp. 1148–1161, Jun. 2015, doi: 10.1109/tpami.2014.2362759.
- [36] N. N. Prakash, V. Rajesh, D. L. Namakhwa, S. Dwarkanath Pande, and S. H. Ahammad, "A DenseNet CNN-based liver lesion prediction and classification for future medical diagnosis," *Scientific African*, vol. 20, p. e01629, Jul. 2023, doi: 10.1016/j.sciaf.2023.e01629.