DAFTAR PUSTAKA

[1]   B. Batagelj, P. Peer, V. Štruc, and S. Dobrišek, "How to Correctly Detect Face-Masks for COVID-19 from Visual Information?," *Applied Sciences*, vol. 11, no. 5, p. 2070, 2021.

[2]   M. Rezaei and M. Azarmi, "Deepsocial: Social distancing monitoring and infection risk assessment in covid-19 pandemic," *Applied Sciences (Switzerland)*, vol. 10, no. 21, pp. 1–29, 2020.

[3]   S. Hussain *et al.*, "IoT and deep learning based approach for rapid screening and face mask detection for infection spread control of COVID-19," *Applied Sciences (Switzerland)*, vol. 11, no. 8, Apr. 2021.

[4]   D. Garcia-Retuerta, P. Chamoso, G. Hernández, A. S. R. Guzmán, T. Yigitcanlar, and J. M. Corchado, "An efficient management platform for developing smart cities: Solution for real-time and future crowd detection," *Electronics (Switzerland)*, vol. 10, no. 7, 2021.

[5]   X. Jiang, T. Gao, Z. Zhu, and Y. Zhao, "Real-time face mask detection method based on yolov3," *Electronics (Switzerland)*, vol. 10, no. 7, 2021.

[6]   I. S. Walia, D. Kumar, K. Sharma, J. D. Hemanth, and D. E. Popescu, "An integrated approach for monitoring social distancing and face mask detection using stacked Resnet-50 and YOLOv5," *Electronics (Switzerland)*, vol. 10, no. 23, 2021.

[7]   M. Fatih, N. Suciati, and D. A. Navastara, "kerumunanv2," *Jurnal Teknik ITS*, vol. 10, no. 2, pp. A339–A344, 2021.

[8]   J. Xu, H. Zhao, W. Min, Y. Zou, and Q. Fu, "Dgg: A novel framework for crowd gathering detection," *Electronics (Switzerland)*, vol. 11, no. 1, 2022.

[9]   F. Abdullah, Y. Y. Ghadi, M. Gochoo, A. Jalal, and K. Kim, "Multi-person tracking and crowd behavior detection via particles gradient motion descriptor and improved entropy classifier," *Entropy*, vol. 23, no. 5, 2021.

[10] J. Duan, W. Zhai, and C. Cheng, "Crowd detection in mass gatherings based on social media data: A case study of the 2014 shanghai new year's eve stampede," *Int J Environ Res Public Health*, vol. 17, no. 22, pp. 1–14, 2020.

[11] J. Yu and W. Zhang, "Face mask wearing detection algorithm based on improved yolo-v4," *Sensors*, vol. 21, no. 9, 2021.

[12] N. Głowacka and J. Rumiński, "Face with mask detection in thermal images using deep neural networks," *Sensors*, vol. 21, no. 19, 2021.

[13] F. Najib Abdullah, M. N. Fauzan, and N. Riza, "Multiple Linear Regression and Deep Learning in Body Temperature Detection and Mask Detection," *IT Journal Research and Development*, pp. 109–121, 2021.

[14] A. Singh, "Face Mask Detection using Deep Learning to Manage Pandemic Guidelines," *Journal of Management and Service Science (JMSS)*, vol. 1, no. 2, pp. 1–21, 2021.

[15] J. Khyat *et al.*, "FACE MASK DETECTION USING DEEP LEARNING," *Juni Khyat (UGC Care Group I Listed Journal)*, vol. 11, no. 1, 2021.

[16] Q. H. Yang, J. Chen, J. Lian, and Y. X. Dai, "Multi-Crowd Mask Detection Method Based On SSD," 2021.

[17] S. Sethi, M. Kathuria, and T. Kaushik, "Face mask detection using deep learning: An approach to reduce risk of Coronavirus spread," *J Biomed Inform*, vol. 120, 2021.

[18] M. Kulkarni, R. Deedwania, P. Mudgal, and A. Bhope, "Managing Crowd Density and Social Distancing Managing Crowd Density and Social Distancing," *International Journal of Engineering Research and Technology*, vol. 10, no. 3, 2021.

[19] F. Bouhlel, H. Mliki, and M. Hammami, "Crowd behavior analysis based on convolutional neural network: Social distancing control COVID-19," in *VISIGRAPP 2021 - Proceedings of the 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*, 2021, vol. 5, pp. 273–280.

[20] B. Parameswaran, D. Maria Koilraj W, B. S.B, and J. T, "Crowd Detection for Social Distancing and Safety Violation Alert based on Image Processing," *JAC : A Journal of Composition Theory*, vol. 17, no. 4, pp. 55–59, 2021.

[21] D. Reddy K N, D. B, G. Jeevan Kumar, G. Krishna R, and N. S, "Social Distance Monitoring And Face Mask Detection System For Covid-19

Pandemic," *Turkish Journal of Computer and Mathematics Education*, vol. 12, no. 12, pp. 2200–2206, 2021.

[22] S. Hui-Xian Ng *et al.*, "Estimating Transmission Parameters for COVID-19 Clusters by Using Symptom Onset Data, Singapore, January-April 2020," *Emerg Infect Dis*, vol. 27, no. 2, 2021.

[23] P. N. Amin, S. S. Moghe, S. N. Prabhakar, and C. M. Nehete, "Deep Learning Based Face Mask Detection and Crowd Counting," 2021.

[24] J. Ieamsaard, S. N. Charoensook, and S. Yammen, "Deep Learning-based Face Mask Detection Using YoloV5," in *Proceeding of the 2021 9th International Electrical Engineering Congress, iEECON 2021*, 2021, pp. 428–431.

[25] S. Saponara, A. Elhanashi, and A. Gagliardi, "Implementing a real-time, AI-based, people detection and social distancing measuring system for Covid-19," *J Real Time Image Process*, vol. 18, no. 6, pp. 1937–1947, Dec. 2021.

[26] Z. Chen *et al.*, "Autonomous Social Distancing in Urban Environments Using a Quadruped Robot," *IEEE Access*, vol. 9, pp. 8392–8403, 2021.

[27] E. Dimitria, "Ini Perbedaan Mini PC dengan Desktop PC yang Perlu Kamu Ketahui." https://review.bukalapak.com/gadget/mini-pc-vs-desktop-pc-106324 (accessed May 13, 2022).

[28] kamera, "KBBI Daring," 2016. https://kbbi.kemdikbud.go.id/entri/kamera (accessed May 13, 2022).

[29] sepiker, "KBBI Daring," 2016. https://kbbi.kemdikbud.go.id/entri/sepiker (accessed May 13, 2022).

[30] J. Larsson, "Gimbal stabilizer for cockpit bases of terrain vehicle or combat boat: A proof of concept," 2018.

[31] S. Suwarno and K. Kevin, "Analysis of Face Recognition Algorithm: Dlib and OpenCV," *JOURNAL OF INFORMATICS AND TELECOMMUNICATION ENGINEERING*, vol. 4, no. 1, pp. 173–184, Jul. 2020.

[32] K. K. C. Reddy, P. R. Anisha, and M. R. Mohana, "Assessing Wear out of Tyre using Opencv & Convolutional Neural Networks," in *Journal of Physics: Conference Series*, Nov. 2021, vol. 2089, no. 1.

[33] Y. M. Adik and R. Aisuwarya, "Rancang Bangun Sistem Pemberian Pakan Ikan Secara Otomatis Berdasarkan Perilaku Ikan Menggunakan Kamera Berbasis Mini PC," *CHIPSET*, vol. 2, no. 01, pp. 11–19, 2021.

[34] W. Fang, L. Wang, and P. Ren, "Tinier-YOLO: A Real-Time Object Detection Method for Constrained Environments," *IEEE Access*, vol. 8, pp. 1935–1944, 2020.

[35] Larxel, "Mask Dataset," 2020. https://www.kaggle.com/datasets/andrewmvd/face-mask-detection (accessed Apr. 18, 2022).

[36] Microsoft, "COCO (Common Objects in Context)," 2017. https://cocodataset.org/#download (accessed Apr. 18, 2022).