

DAFTAR PUSTAKA

- Adrian, Reno Satya., (2021). Deteksi Kendaraan Pada Persimpangan Jalan Untuk Perhitungan dan Klasifikasi Menggunakan YOLOV3 dan *Cropping Image*
- Alom, M.Z. et al., (2017). The History Began from AlexNet: A Comprehensive Survey on Deep Learning Approaches. *Cornell University Library's arXiv.org*. <https://arxiv.org/abs/1707.02268>
- Audina, M. T., Utaminingrum, F., Syaqui, D., (2021). Sistem Deteksi dan Klasifikasi Jenis Kendaraan berbasis Citra dengan menggunakan Metode Faster-RCNN pada Raspberry Pi 4B (Vol. 5, Issue 2). <http://j-ptiik.ub.ac.id>
- Christopoulos, C., Askelof, J., & Larsson, M. (2000). Efficient methods for encoding regions of interest in the upcoming JPEG2000 still image coding standard. *IEEE Signal Processing Letters*, 7(9), 247–249. <https://doi.org/10.1109/97.863146>
- Balboni, paoli., (2009), Cloud computing for ehealth data protection issues. ENISA
- Bochkovskiy, A., Wang, C.-Y., & Liao, H.-Y. M. (2020). YOLOv4: Optimal Speed and Accuracy of Object Detection. *ArXiv:2004.10934 [Cs, Eess]*. <http://arxiv.org/abs/2004.10934>
- BPJT. Golongan Jenis Kendaraan Bermotor. Diakses pada November 14, 2021, dari <https://bpjt.pu.go.id/konten/golongan-kendaraan>
- Chauhan, M. S., Singh, A., Khemka, M., Prateek, A., & Sen, R. (2019). Embedded CNN based vehicle classification and counting in non-laned road traffic. *Proceedings of the Tenth International Conference on Information and Communication Technologies and Development - ICTDX '19*, 1–11. <https://doi.org/10.1145/3287098.3287118>
- Chen, L., Ye, F., Ruan, Y., Fan, H., & Chen, Q. (2018). An algorithm for highway vehicle detection based on convolutional neural network. *EURASIP Journal on Image and Video Processing*, 2018(1), 109. <https://doi.org/10.1186/s13640-018-0350-2>.
- Dalta, I. M., Nur, F. P. D., Amaral, S. T., & Adiono, T. (2019). Artificial Intelligence Based In-Store Traffic Monitoring System for Evaluating Retail Performance. *2019 IEEE 8th Global Conference on Consumer Electronics (GCCE)*, 430–431. <https://doi.org/10.1109/GCCE46687.2019.9015310>
- Ding, C., Wang, S., Liu, N., Xu, K., Wang, Y., & Liang, Y. (2019). REQ-YOLO: A resource-aware, efficient quantization framework for object detection on FPGAs. *FPGA 2019 - Proceedings of the 2019 ACM/SIGDA International Symposium on Field-Programmable Gate Arrays*, 33–42. <https://doi.org/10.1145/3289602.3293904>
- Dhiaegana, R. N., & Rinaldi Munir, I. (2020). *Penerapan Convolutional Neural Network untuk Deteksi Pedestrian pada Sistem Autonomous Vehicle*.
- Erick, Jan Solem. 2012. *Programming Computer Vision with Python*.
- Gonzalez, Rafael C, Woods Richard E, Eddins Steven L. (2019). *Digital Image Processing*. Prentice Hall, USA.
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. The MIT Press.
- Talo, M., (2019). *Pneumonia Detection from Radiography Images using Convolutional Neural Networks*.
- Gong, Shengrong et al. (2019). *Advanced Image and Video Processing Using MATLAB*.
- Harahap, M., Elfriida, J., Agusman, P., Rafael, M., Abram, R., & Andrianto, K. (2019). *Sistem Cerdas Pemantauan Arus Lalu Lintas Dengan YOLO (You Only Look Once v3)*. 10.
- He, K., Gkioxari, G., Dollár, P., & Girshick, R. (2017). *Mask R-CNN*.
- Huang, J., Rathod, V., Sun, C., Zhu, M., Korattikara, A., Fathi, A., . . . Murphy, K. (2017).

- Speed/Accuracy Trade-offs for Modern Convolutional Object Detectors. arXiv:1611.10012v3[cs.CV].*
- Howse, Joseph. (2015). *Android Application Programming with OpenCV 3*.
- Irianto, K. D. (2010). *PENDETEKSI GERAK BERBASIS KAMERA MENGGUNAKAN OPENCV PADA RUANGAN*. 8.
- Jadhav, P., Kelkar, P., Patil, K., & Thorat, S (2016). *Smart Traffic Control System Using Image Processing*. 03(03), 5.
- Jeong, D. (2020). *Road Damage Detection Using YOLO with Smartphone Images*. 4.
- Kim, K.-J., Kim, P.-K., & Chung, Y.-S. (2018). *Performance Enhancement of YOLOv3 by Adding Prediction Layers with Spatial Pyramid Pooling for Vehicle Detection*.
- Khurana, K., & Awasthi, R. (2013). *Techniques for Object Recognition in Images and Multi-Object Detection*. 2(4), 6.
- Kurniawan, Erick. 2014. "Implementasi Rest Web Service Untuk Sales Order Dan Sales Tracking Berbasis Mobile." *Jurnal EKSIS* 7: 1–12.
- Lan, W., Dang, J., Wang, Y., & Wang, S. (2018). *Pedestrian Detection Based on YOLO Network Model*. 5.
- Lazaro, A., Buliali, J. L., & Amaliah, B. (2017). Deteksi Jenis Kendaraan di Jalan Menggunakan OpenCV. *Jurnal Teknik ITS*, 6(2), A430-434 <https://doi.org/10.12962/j23373539.v6i2.23175>.
- Liut, T., & Stathaki, T. (2018). Faster R-CNN for Robust Pedestrian Detection Using Semantic Segmentation Network. *Frontiers in Neurorobotics*, 12(64). doi:10.3389/fnbot.2018.00064
- Luo, L., Zhang, Q., Liu, C., Sheng, M., Liu, J., & Song, H. (2019). *IEEE*, 987–992. <https://doi.org/10.1109/DDCLS.2019.8908877>
- Mushawwir, Luqman Abdul, and Iping Supriana. 2015. "Deteksi Dan Tracking Objek Untuk Sistem Pengawasan Citra Bergerak." *Konferensi Nasional Informatika (KNIF) 2015 Deteksi 2354–645X/(October): 1–10*.
- Novakovic, J. D., Veljovic, A. and Ilic, S. S. (2017) 'Evaluation of Classification Models in Machine Learning', p. 8.
- Peppas, M. v., Bell, D., Komar, T., & Xiao, W. (2018). Urban traffic flow analysis based on deep learning car detection from cctv image series. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 42(4), 565–572. <https://doi.org/10.5194/isprs-archives-XLII-4-499-2018>
- Pratomo, A. H., Kaswidjanti, W., & Mu'arifah, S. (2019). Implementasi Algoritma Region of Interest (ROI) untuk Meningkatkan Performa Algoritma Deteksi dan Klasifikasi Kendaraan. *Ilmu Komputer dan Informasi (IKI)*, 12(2), 77-87.
- Prof. Dr.rer.nat. Achmad Benny Mutiara, SSi, Skom. 2005. "Pengantar Pengolahan Citra." Universitas Gunadarma: 1–10.
- P. Read dan M. Mark-Paul, *Restoration of Motion Picture Film*, Jordan Hill, Oxford: Butterworth-Heinemann, 2000.
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You Only Look Once: Unified, Real-Time Object Detection. In *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition* (pp. 779-788).
- Ren, S., He, K., Girshick, R., & Sun, J. (2016). Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks. *ArXiv:1506.01497 [Cs]*. <http://arxiv.org/abs/1506.01497>
- Saputri, Maharani Dagi. (2014). *Evaluasi Lokasi Eksisting Shelter dan Karakteristik Pengguna Bus Rapid Transit (BRT) Trans-Semarang Pada Dua Koridor Pelayanan di Kota Semarang*. Skripsi. Yogyakarta : Fakultas Geografi UGM

- Sebdani, F. M., & Pourghassem, H. (2012). A robust and real-time road line extraction algorithm using hough transform in intelligent transportation system application. *2012 IEEE International Conference on Computer Science and Automation Engineering (CSAE)*, 256–260. <https://doi.org/10.1109/CSAE.2012.6272950>
- S, S. J., & P, E. R. (2021). LittleYOLO-SPP: A delicate real-time vehicle detection algorithm. *Optik*, 225. <https://doi.org/10.1016/j.ijleo.2020.165818>
- Vasilev, Iva. (2019). *Python Deep Learning: Exploring Deep Learning Techniques and Neural Network Architectures with PyTorch, Keras, and Tensorflow*.
- Wahid, A. A. (2020). *Jurnal Ilmu-ilmu Informatika dan Manajemen STMIK Oktober (2020) Analisis Metode Waterfall Untuk Pengembangan Sistem Informasi*.
- Zang, J., Zhou, W., Zhang, G., & Duan, Z. (2018). Traffic Lane Detection using Fully Convolutional Neural Network. *2018 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC)*, 305–311. <https://doi.org/10.23919/APSIPA.2018.8659684>
- Zinanyuca, M., & Arce, D. (2020). Traffic Parameters Acquisition System using Faster R-CNN Deep Learning based algorithm. *2020 IEEE ANDESCON*, 1–6. <https://doi.org/10.1109/ANDESCON50619.2020.9271996>
- Zhang, F., Li, C., & Yang, F. (2019). Vehicle Detection in Urban Traffic Surveillance Images Based on Convolutional Neural Networks with Feature Concatenation. *Sensors*, 19(3), 594. <https://doi.org/10.3390/s19030594>
- Zhang, Q. & Zhu, S., 2018. Visual Interpretability for Deep Learning: a Survey. *Cornell University Library's arXiv.org*, pp.1-11