

DAFTAR PUSTAKA

- Arduino.cc. (2019, February 21). Retrieved from Serial Available: <https://www.arduino.cc/reference/en/language/functions/communication/serial/available/>
- Benyang., D, Xiaochun.,L, & Miao., Y. (2020). *Safety helmet* detection method based on yolo v4. International conference on computational intelligence and security (CIS), pp 155–158.DOI:10.1109/CIS52066.2020.00041
- Bochkovski, A., Wang, C. Y., & Liao, H. Y. M. (2020). YOLOv4: Optimal Speed and Accuracy of Object Detection. ArXiv, <https://doi.org/10.48550/arXiv.2004.10934>
- Chan., J., Reyes., E, Lingsangan., N, & Juanatas., R. (2022). Real-time Detection of Aquarium Fish Species Using YOLOv4-tiny on Raspberry Pi 4.IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAET). DOI: 10.1109/IICAET55139.2022.9936790
- Chan., J., Reyes., E, Lingsangan., N, & Juanatas.,R. (2022). Real-time Detection of Aquarium Fish Species Using YOLOv4-tiny on Raspberry Pi 4.IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAET). DOI: 10.1109/IICAET55139.2022.9936790
- Dacong., R, Thongseng., S, Chunguin., Y, & Cheng., Z. (2021). Research on *Safety helmet* Detection for Construction Site. IEEE International Conference on Computer Information Science and Artificial Intelligence (CISAI). DOI: 10.1109/CISAI54367.2021.00042
- Datasheet Raspberry Pi Model B. (2019). Raspberrypi.Org, June, 1
- Delwende., E. B. (2022). A Comparative study of data splitting algorithms for machine learning model selection. KTH ROYAL INSTITUTE OF TECHNOLOGY ELECTRICAL ENGINEERING AND COMPUTER SCIENCE
- Francis., J. P. M. (2021). A Computer-Aided Diagnosis of Brain Tumors Using a Fine-Tuned YOLO-based Model with Transfer Learning. KSII Transactions on Internet and Information Systems. 14(12):4816-4834.DOI: 10.3837/tiis.2020.12.011
- Hidayatulloh., M. (2021). Sistem Pengenalan Wajah Menggunakan Metode Yolo (You Only Look Once). pp. i–43, 2021.

- Hongru., S. (2022). Multi-Scale *Safety helmet* Detection Based on RSSE-YOLOv3.IEEE International Conference on Computer Information Science and Artificial Intelligence (CISAI). 22(16). DOI: <https://doi.org/10.3390/s22166061>
- Joseph., N. (2020). Roboflow: You Might Be Resizing Your Images Incorrectly.<https://blog.roboflow.com/you-might-be-resizing-your-images-incorrectly/>
- Lu Tan, Tianran, H., Liyao, W., & Wenying, C. (2021). Comparison of YOLO v3, Faster R-CNN, and SSD for Real-Time Pill Identification, The Third Aliated Hospital of Southern Medical University, 9-10.
- Liquan, Z., Shuiayang, L., Yanvei, J.(2020). Real-time object detection method based on improved YOLOv4-tiny. Journal of Physics: Conference Series, 6-7.
- Michael, P., Jerremy, O., Ivan, S., & Derwin.,S.(2022). Object Detection for Child Learning Media. International Conference on Science and Technology (ICST).7-8. DOI:10.1109/ICST56971.2022.10136287
- Median., H., & Dina.,C.(2022). Tourism Object Detection Around Monumen Nasional (Monas) Using YOLO and RetinaNet.International Conference on Advanced Computer Science and Information Systems(ICACSIS).317-322. DOI: 10.1109/ICACSIS51025.2020.9263240
- Occupational Safety and Health Administration(OSHA), 2011, Excavation Fact Sheet, USA.
- Putra & Eka (2016). Klasifikasi Citra menggunakan Convolutional Neural Network (CNN) pada Caltech 101. Jurnal Teknik ITS, 5(1). <https://doi.org/10.12962/j23373539.v5i1.15696>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You Only Look Once: Unified, Real-Time Object Detection. IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 779–788.
- Santoso, A., & Ariyanto, G. (2018). Implementasi Deep Learning Berbasis Keras Untuk Pengenalan Wajah. *Emitor: Jurnal Teknik Elektro*, 18(01), 15–21.
- Siddhi., C, Rhugved.,B, & Lokesh., H. (2023). *Safety helmet* Detection: A Comparative Analysis Using YOLOv4, YOLOv5, and YOLOv7. IEEE International Conference for Advancement in Technology (ICONAT). pp 15–16.DOI: 10.1109/ICONAT57137.2023.10080723

- Sidharta, H. A. (2017). Binus Nusantara, Binus University. Retrieved from Introduction to Open CV: <https://binus.ac.id/malang/2017/10/introduction-to-open-cv/>
- Syed., S, Mohammad., S, Asra., A, Nadia., K, Mamoon., A, & Brian., L.(2021) .A Survey of Modern Deep Learning based Object Detection Models. Computer Vision and Pattern Recognition (cs.CV).<https://doi.org/10.48550/arXiv.2104.11892>
- Yanxin., H, Gang.,L, Zhiyu., C, & Jianwei., G.(2022). Performance Comparison of YOLOv4 and YOLOv4-Tiny Algorithm for Object Detection on Wheeled Soccer Robot.IEEE Computer Vision Mechatronics. 12(9), 4769, <https://doi.org/10.3390/app12094769>
- Yunyun., L & Wenrong., J.(2021). Detection of wearing *safety helmet* for workers based on YOLOv4. International Conference on Computer Engineering and Artificial Intelligence (ICCEAI). DOI: 10.1109/ICCEAI52939.2021.00016