

DAFTAR PUSTAKA

- Abadi, A. B., & Tahcfulloh, S. (2022). Digital Image Processing for Height Measurement Application Based on Python OpenCV and Regression Analysis. *JOIV: International Journal on Informatics Visualization*, 6(4), 763. <https://doi.org/10.30630/joiv.6.4.1013>
- Abdel-Jaber, H., Devassy, D., Al Salam, A., Hidaytallah, L., & EL-Amir, M. (2022). A Review of Deep Learning Algorithms and Their Applications in Healthcare. *Algorithms*, 15(2), 71. <https://doi.org/10.3390/a15020071>
- Abrahamsson, P., Salo, O., Ronkainen, J., & Warsta, J. (2017). *Agile Software Development Methods: Review and Analysis*. <http://arxiv.org/abs/1709.08439>
- Alin, A. Y., Kusrini, Kusrini, & Yuana, K. A. (2023). Data Augmentation Method on Drone Object Detection with YOLOv5 Algorithm. *2023 Eighth International Conference on Informatics and Computing (ICIC)*, 1–6. <https://doi.org/10.1109/ICIC60109.2023.10382123>
- Alzubi, J., Nayyar, A., & Kumar, A. (2018). Machine Learning from Theory to Algorithms: An Overview. *Journal of Physics: Conference Series*, 1142(1), 012012. <https://doi.org/10.1088/1742-6596/1142/1/012012>
- Araujo, L. V., Letti, B. C., Cantagalli, F. T., Silva, G. S., Ehlert, P. P., & Araujo, L. M. Q. (2015). A health mobile application and architecture to support and automate in-home consultation. *Proceedings - IEEE Symposium on Computer-Based Medical Systems*, 2015-July, 151–156. <https://doi.org/10.1109/CBMS.2015.66>
- Batista, G. E. A. P. A., Prati, R. C., & Monard, M. C. (2004). A study of the behavior of several methods for balancing machine learning training data. *ACM SIGKDD Explorations Newsletter*, 6(1), 20–29. <https://doi.org/10.1145/1007730.1007735>

- Beal, T., Tumilowicz, A., Sutrisna, A., Izwardy, D., & Neufeld, L. M. (2018). A review of child stunting determinants in <scp>Indonesia</scp>. *Maternal & Child Nutrition*, 14(4). <https://doi.org/10.1111/mcn.12617>
- Beck, K. (2000). *Extreme Programming Explained: Embrace Change* (K. Beck, Ed.). Addison-Wesley Professional. https://books.google.co.id/books?id=G8EL4H4vf7UC&dq=extreme+programming+explained:+embrace+change&lr=&hl=id&source=gbs_navlinks_s
- Bengio, Y. (2012). *Practical Recommendations for Gradient-Based Training of Deep Architectures* (pp. 437–478). https://doi.org/10.1007/978-3-642-35289-8_26
- Bhatt, D., Patel, C., Talsania, H., Patel, J., Vaghela, R., Pandya, S., Modi, K., & Ghayvat, H. (2021). CNN Variants for Computer Vision: History, Architecture, Application, Challenges and Future Scope. *Electronics*, 10(20), 2470. <https://doi.org/10.3390/electronics10202470>
- bkkbn. (2023). *Aplikasi Elsimil Elektronik Siap Nikah & Hamil*. Badan Kependudukan Dan Keluarga Berencana Nasional Indonesia. <https://elsimil.bkkbn.go.id/>
- Chan, A. H. Y., & Honey, M. L. L. (2022). User perceptions of mobile digital apps for mental health: Acceptability and usability - An integrative review. *Journal of Psychiatric and Mental Health Nursing*, 29(1), 147–168. <https://doi.org/10.1111/jpm.12744>
- Damale, R. C., & Pathak, Bazeshree. V. (2018). Face Recognition Based Attendance System Using Machine Learning Algorithms. *2018 Second International Conference on Intelligent Computing and Control Systems (ICICCS)*, 414–419. <https://doi.org/10.1109/ICCONS.2018.8662938>
- de Souza, J. W. M., Holanda, G. B., Ivo, R. F., Alves, S. S. A., da Silva, S. P. P., Nunes, V. X., Loureiro, L. L., Dias-Silva, C. H., & Reboucas Filho, P. P. (2020). Predicting body measures from 2D images using Convolutional Neural Networks. *2020 International Joint Conference on Neural Networks (IJCNN)*, 1–6. <https://doi.org/10.1109/IJCNN48605.2020.9207330>

- Fettke, P. (2009). How conceptual modeling is used. *Communications of the Association for Information Systems*, 25(1), 571–592. <https://doi.org/10.17705/1cais.02543>
- Friska, E., & Andriani, H. (2022). The Utilization of Android-Based Application as a Stunting Prevention E-Counseling Program Innovation during Covid-19 Pandemic. *Journal of Maternal and Child Health*, 6(5), 323–332. <https://doi.org/10.26911/thejmch.2021.06.05.02>
- Girshick, R. (2015). Fast R-CNN. *2015 IEEE International Conference on Computer Vision (ICCV)*, 1440–1448. <https://doi.org/10.1109/ICCV.2015.169>
- Gonzalez, R. C., & Woods, R. E. (2018). *Digital Image Processing* (Fourth). <https://dl.icdst.org/pdfs/files4/01c56e081202b62bd7d3b4f8545775fb.pdf>
- Habebhh, H., & Gohel, S. (2021). Machine Learning in Healthcare. *Current Genomics*, 22(4), 291–300. <https://doi.org/10.2174/1389202922666210705124359>
- Harriat Christa, G., Jesica, J., Anisha, K., & Sagayam, K. M. (2021). CNN-based mask detection system using OpenCV and MobileNetV2. *2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021*, 115–119. <https://doi.org/10.1109/ICSPC51351.2021.9451688>
- He, K., Zhang, X., Ren, S., & Sun, J. (2016). Deep Residual Learning for Image Recognition. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 770–778. <https://doi.org/10.1109/CVPR.2016.90>
- Herdika, H. R., & Budiardjo, E. K. (2020). Variability and Commonality Requirement Specification on Agile Software Development: Scrum, XP, Lean, and Kanban. *2020 3rd International Conference on Computer and Informatics Engineering (IC2IE)*, 323–329. <https://doi.org/10.1109/IC2IE50715.2020.9274564>
- Hijrawati, Usman, A. N., Syarif, S., Hadju, V., As'ad, S., & Baso, Y. S. (2021). Use of technology for monitoring the development of nutritional status 1000

- hpk in stunting prevention in Indonesia. *Gaceta Sanitaria*, 35, S231–S234.
<https://doi.org/10.1016/j.gaceta.2021.10.028>
- humas fku. (2021). *Mahasiswa Kembangkan Teknologi Pencegahan Stunting 'Stuntech.'* Fakultas Kedokteran, Kesehatan Masyarakat, Dan Keperawatan UGM. <https://fkkmk.ugm.ac.id/mahasiswa-kembangkan-teknologi-pencegahan-stunting-stuntech/>
- Huriah, T., & Nurjannah, N. (2020). Risk Factors of Stunting in Developing Countries: A Scoping Review. *Open Access Macedonian Journal of Medical Sciences*, 8(F), 155–160. <https://doi.org/10.3889/oamjms.2020.4466>
- Jamil, M. A., Arif, M., Abubakar, N. S. A., & Ahmad, A. (2016). Software Testing Techniques: A Literature Review. *2016 6th International Conference on Information and Communication Technology for The Muslim World (ICT4M)*, 177–182. <https://doi.org/10.1109/ICT4M.2016.045>
- Jiao, L., & Zhao, J. (2019). A Survey on the New Generation of Deep Learning in Image Processing. *IEEE Access*, 7, 172231–172263. <https://doi.org/10.1109/ACCESS.2019.2956508>
- Kaur, R., & Singh, S. (2023). A comprehensive review of object detection with deep learning. *Digital Signal Processing*, 132, 103812. <https://doi.org/10.1016/j.dsp.2022.103812>
- Kautz, T., Groh, B. H., Hannink, J., Jensen, U., Strubberg, H., & Eskofier, B. M. (2017). Activity recognition in beach volleyball using a Deep Convolutional Neural Network. *Data Mining and Knowledge Discovery*, 31(6), 1678–1705. <https://doi.org/10.1007/s10618-017-0495-0>
- Kementrian Kesehatan RI. (2020). *PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 2 TAHUN 2020 TENTANG STANDAR ANTROPOMETRI ANAK*.
- Krichen, M. (2023). Convolutional Neural Networks: A Survey. *Computers*, 12(8), 151. <https://doi.org/10.3390/computers12080151>

- Krizhevsky, A., Sutskever, I., & Hinton, G. E. (2017). ImageNet classification with deep convolutional neural networks. *Communications of the ACM*, 60(6), 84–90. <https://doi.org/10.1145/3065386>
- Kusumasari, D., & Subhiyakto, E. R. (2024). Development of Website-Based Stunting Prevention Educational Media Services (Case Study: UPT Puskemas Tirto Pekalongan). *Advance Sustainable Science, Engineering and Technology*, 6(2), 02402014. <https://doi.org/10.26877/asset.v6i2.18530>
- Laaziri, M., Benmoussa, K., Khouliji, S., & Kerkeb, M. L. (2019). A Comparative study of PHP frameworks performance. *Procedia Manufacturing*, 32, 864–871. <https://doi.org/10.1016/j.promfg.2019.02.295>
- Lastriana, N. (2021, June 30). Wali Kota dan Ketua TP PKK Kota Bandung Raih Penghargaan tertinggi BKKBN. *Bandung.Go.Id*. <https://www.bandung.go.id/news/read/5515/wali-kota-dan-ketua-tp-pkk-kota-bandung-raih-penghargaan-tertinggi-bkkbn>
- LeCun, Y., Bengio, Y., & Hinton, G. (2015). Deep learning. *Nature*, 521(7553), 436–444. <https://doi.org/10.1038/nature14539>
- Lee, D., Kim, J., Jeong, S. C., & Kwon, S. (2020). Human Height Estimation by Color Deep Learning and Depth 3D Conversion. *Applied Sciences*, 10(16), 5531. <https://doi.org/10.3390/app10165531>
- Lewis, W. E. (2009). *Software Testing and Continuous Quality Improvement*.
- Liu, S., & Deng, W. (2015). Very deep convolutional neural network based image classification using small training sample size. *2015 3rd IAPR Asian Conference on Pattern Recognition (ACPR)*, 730–734. <https://doi.org/10.1109/ACPR.2015.7486599>
- Maaß, L., Freye, M., Pan, C. C., Dassow, H. H., Niess, J., & Jahnel, T. (2022). The Definitions of Health Apps and Medical Apps From the Perspective of Public Health and Law: Qualitative Analysis of an Interdisciplinary Literature Overview. In *JMIR mHealth and uHealth* (Vol. 10, Issue 10). JMIR Publications Inc. <https://doi.org/10.2196/37980>

- Mahesh, B. (2020). Machine Learning Algorithms - A Review. *International Journal of Science and Research (IJSR)*, 9(1), 381–386. <https://doi.org/10.21275/ART20203995>
- Mahmood, Z. (2024). Digital Image Processing: Advanced Technologies and Applications. *Applied Sciences*, 14(14), 6051. <https://doi.org/10.3390/app14146051>
- Mantzana, V., Themistocleous, M., Irani, Z., & Morabito, V. (2007). Identifying healthcare actors involved in the adoption of information systems. *European Journal of Information Systems*, 16(1), 91–102. <https://doi.org/10.1057/palgrave.ejis.3000660>
- McKinney, W. (2012). *Python for Data Analysis* (1st ed.). https://books.google.co.id/books?id=v3n4_AK8vu0C&lpg=PR3&ots=riFJ2iuusE&dq=Python%20for%20Data%20Analysis%3A%20Data%20Wrangling%20with%20Pandas%2C%20NumPy%2C%20and&lr&hl=id&pg=PR2#v=onepage&q=Python%20for%20Data%20Analysis:%20Data%20Wrangling%20with%20Pandas,%20NumPy,%20and&f=false
- Meilinaeka. (2022, January 17). *Aplikasi Layanan Kesehatan MyBidan Telkom University*. Telkom University. <https://it.telkomuniversity.ac.id/aplikasi-layanan-kesehatan-mybidan-telkom-university-2/>
- Momeni-K., M., Diamantas, S. C., Ruggiero, F., & Siciliano, B. (2012). HEIGHT ESTIMATION FROM A SINGLE CAMERA VIEW. *Proceedings of the International Conference on Computer Vision Theory and Applications, 1*, 358–364. <https://doi.org/10.5220/0003866203580364>
- Myers, G. J., Sandler, C., & Badgett, Tom. (2012). *The art of software testing*. John Wiley & Sons.
- Nair, V., & Hinton, G. E. (n.d.). *Rectified Linear Units Improve Restricted Boltzmann Machines*.

- Neetu Rani. (2017). Image Processing Techniques: A Review. *Journal on Today's Ideas - Tomorrow's Technologies*, 5(1), 40–49. <https://doi.org/10.15415/jotitt.2017.51003>
- Nidhra, S. (2012). Black Box and White Box Testing Techniques - A Literature Review. *International Journal of Embedded Systems and Applications*, 2(2), 29–50. <https://doi.org/10.5121/ijesa.2012.2204>
- Pavithra, M., Surya Karthikesh, P., Jahnvi, B., Navyalokesh, M., C, Raja., & Lokesh Krishna, K. (2024). Implementation of Enhanced Security System using Roboflow. *2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)*, 1–5. <https://doi.org/10.1109/ICRITO61523.2024.10522313>
- Radomski, J. (2022). Comparison of web application performance on the example of Laravel and Vaadin frameworks. *Journal of Computer Sciences Institute*, 22, 35–39. <https://doi.org/10.35784/jcsi.2790>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You Only Look Once: Unified, Real-Time Object Detection. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 779–788. <https://doi.org/10.1109/CVPR.2016.91>
- Ren, S., He, K., Girshick, R., & Sun, J. (2017). Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(6), 1137–1149. <https://doi.org/10.1109/TPAMI.2016.2577031>
- Robinson, J. (2023). Likert Scale. In *Encyclopedia of Quality of Life and Well-Being Research* (pp. 3917–3918). Springer International Publishing. https://doi.org/10.1007/978-3-031-17299-1_1654
- Saaludin, N., Saad, A., Mason, C., & Zakaria, N. (2021). A Systematic Literature Review on the Importance of Anthropometric Data Toward the Malaysian Population Productivity and Quality of Life. *Studies of Applied Economics*, 39(10). <https://doi.org/10.25115/eea.v39i10.5345>

- Saleh, S. M., Huq, S. M., & Rahman, M. A. (2019). Comparative Study within Scrum, Kanban, XP Focused on Their Practices. *2019 International Conference on Electrical, Computer and Communication Engineering (ECCE)*, 1–6. <https://doi.org/10.1109/ECACE.2019.8679334>
- Satriawan, E. (2018). *Strategi nasional percepatan pencegahan stunting 2018-2024*.
https://tnp2k.go.id/filemanager/files/Rakornis%202018/Sesi%201_01_RakorStuntingTNP2K_Stranas_22Nov2018.pdf
- Schmidhuber, J. (2015). Deep learning in neural networks: An overview. *Neural Networks*, 61, 85–117. <https://doi.org/10.1016/j.neunet.2014.09.003>
- Schmidt, C. (2016). *Agile Software Development* (pp. 7–35).
https://doi.org/10.1007/978-3-319-26057-0_2
- Schroff, F., Kalenichenko, D., & Philbin, J. (2015). FaceNet: A unified embedding for face recognition and clustering. *2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 815–823.
<https://doi.org/10.1109/CVPR.2015.7298682>
- Shrivastava, A., Jaggi, I., Katoch, N., Gupta, D., & Gupta, S. (2021). A Systematic Review on Extreme Programming. *Journal of Physics: Conference Series*, 1969(1), 012046. <https://doi.org/10.1088/1742-6596/1969/1/012046>
- Simonyan, K., & Zisserman, A. (2014). *Very Deep Convolutional Networks for Large-Scale Image Recognition*. <http://arxiv.org/abs/1409.1556>
- SIMPATI. (2021). *SIMPATI - Sistem Pencegahan Stunting*. Simpati.
<https://simpati.app/>
- Stancin, I., & Jovic, A. (2019). An overview and comparison of free Python libraries for data mining and big data analysis. *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO)*, 977–982.
<https://doi.org/10.23919/MIPRO.2019.8757088>

- Subrahmanya, S. V. G., Shetty, D. K., Patil, V., Hameed, B. M. Z., Paul, R., Smriti, K., Naik, N., & Somani, B. K. (2022). The role of data science in healthcare advancements: applications, benefits, and future prospects. In *Irish Journal of Medical Science* (Vol. 191, Issue 4, pp. 1473–1483). Springer Science and Business Media Deutschland GmbH. <https://doi.org/10.1007/s11845-021-02730-z>
- Suchianti, A. (2023, June 29). *Cara Mencegah Stunting dari Berbagai Pihak*. Web Kementrian Kesehatan. <https://ayosehat.kemkes.go.id/cara-mencegah-stunting-dari-berbagai-pihak>
- Suman, R., & Sahibuddin, S. (2019). User Acceptance Testing in Mobile Health Applications. *Proceedings of the 2019 2nd International Conference on Information Science and Systems*, 145–149. <https://doi.org/10.1145/3322645.3322670>
- Sunardi, A., & Suharjito. (2019). MVC Architecture: A Comparative Study Between Laravel Framework and Slim Framework in Freelancer Project Monitoring System Web Based. *Procedia Computer Science*, 157, 134–141. <https://doi.org/10.1016/j.procs.2019.08.150>
- Supriadi, A. (2024, August 21). Pemkot Bandung Perkuat Kesehatan Balita. *Ide Jabar*. <https://idejabar.pikiran-rakyat.com/daerah/pr-3528470303/bandung.go.id?page=all>
- Susanti, D. F. (2022, August 26). *Mengenal Apa Itu Stunting*. Web Kementrian Kesehatan. https://yankes.kemkes.go.id/view_artikel/1388/mengenal-apa-itu-stunting
- Szeliski, R. (2011). *Computer Vision*. Springer London. <https://doi.org/10.1007/978-1-84882-935-0>
- TNI AD. (2023, September 5). *TNI AD Luncurkan Aplikasi e-Stuntad dan e-Posyandu*. TNI Angkatan Darat. <https://tniad.mil.id/tni-ad-luncurkan-aplikasi-e-stuntad-dan-e-posyandu/>

- Trivedi, A., Jain, M., Gupta, N. K., Hinsche, M., Singh, P., Matiaschek, M., Behrens, T., Militeri, M., Birge, C., Kaushik, S., Mohapatra, A., Chatterjee, R., Dodhia, R., & Ferres, J. L. (2021). Height Estimation of Children under Five Years using Depth Images. *2021 43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)*, 3886–3889. <https://doi.org/10.1109/EMBC46164.2021.9630461>
- Vanesha, N. A., Rizky, R., & Purwanto, A. (2024). Comparison Between Usability and User Acceptance Testing on Educational Game Assessment. *Jurnal Sisfokom (Sistem Informasi Dan Komputer)*, 13(2), 210–215. <https://doi.org/10.32736/sisfokom.v13i2.2099>
- Voulodimos, A., Doulamis, N., Doulamis, A., & Protopapadakis, E. (2018). Deep Learning for Computer Vision: A Brief Review. *Computational Intelligence and Neuroscience*, 2018, 1–13. <https://doi.org/10.1155/2018/7068349>
- World Health Organization. (2015). *Stunting in a nutshell*. World Health Organization. <https://www.who.int/news/item/19-11-2015-stunting-in-a-nutshell>
- Yang, J., & Yang, G. (2018). Modified Convolutional Neural Network Based on Dropout and the Stochastic Gradient Descent Optimizer. *Algorithms*, 11(3), 28. <https://doi.org/10.3390/a11030028>
- Yin, F., & Zhou, S. (2020). Accurate Estimation of Body Height From a Single Depth Image via a Four-Stage Developing Network. *2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 8264–8273. <https://doi.org/10.1109/CVPR42600.2020.00829>
- Zhao, Z.-Q., Zheng, P., Xu, S.-T., & Wu, X. (2019). Object Detection With Deep Learning: A Review. *IEEE Transactions on Neural Networks and Learning Systems*, 30(11), 3212–3232. <https://doi.org/10.1109/TNNLS.2018.2876865>
- Zheng, C., Wu, W., Chen, C., Yang, T., Zhu, S., Shen, J., Kehtarnavaz, N., & Shah, M. (2024). Deep Learning-based Human Pose Estimation: A Survey. *ACM Computing Surveys*, 56(1), 1–37. <https://doi.org/10.1145/3603618>