

DAFTAR PUSTAKA

- Almattar, W., & Algherairy, A. (2022). Investigating Image Augmentation for Classification of Chest X-Ray Images. *2022 14th International Conference on Computational Intelligence and Communication Networks (CICN)*, 65–71. <https://doi.org/10.1109/CICN56167.2022.10008268>
- Ananta, G. E. (2019). *KEABSAHAN PRAPERADILAN TERSANGKA BERSTATUS DAFTAR PENCARIAN ORANG (DPO)* [Undergraduate, UNIVERSITAS 17 AGUSTUS 1945]. <http://repository.untagsby.ac.id/1402/>
- Bendjillali, R. I., Beladgham, M., Merit, K., & Taleb-Ahmed, A. (2020). Illumination-robust face recognition based on deep convolutional neural networks architectures. *Indonesian Journal of Electrical Engineering and Computer Science*, 18(2), 1015. <https://doi.org/10.11591/ijeecs.v18.i2.pp1015-1027>
- Chandel, H., & Vatta, S. (2015). Occlusion Detection and Handling: A Review. *International Journal of Computer Applications*, 120(10), 33–38. <https://doi.org/10.5120/21264-3857>
- Ding, Y., Liu, C., Wang, H., & Chang, Z. (2022). Research on Mask Wearing Detection Based on Faster RCNN. *2022 5th International Conference on Advanced Electronic Materials, Computers and Software Engineering (AEMCSE)*, 629–633. <https://doi.org/10.1109/AEMCSE55572.2022.00128>
- Furubiki, K., Tsuda, H., Tawada, K., & Yoshida, T. (2011). Sensor image augmentation to avoid saturation. *Head- and Helmet-Mounted Displays*



XVI: Design and Applications, 8041, 64–69.

<https://doi.org/10.1117/12.885211>

Girshick, R., Donahue, J., Darrell, T., & Malik, J. (2014). *Rich feature hierarchies for accurate object detection and semantic segmentation*

(arXiv:1311.2524). arXiv. <https://doi.org/10.48550/arXiv.1311.2524>

Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning*. MIT Press.

<https://www.deeplearningbook.org/>

Grandini, M., Bagli, E., & Visani, G. (2020). *Metrics for Multi-Class*

Classification: An Overview (arXiv:2008.05756). arXiv.

<https://doi.org/10.48550/arXiv.2008.05756>

Halawa, L., Wibowo, A., & Ernawan, F. (2019). *Face Recognition Using Faster R-CNN with Inception-V2 Architecture for CCTV Camera* (hlm. 6).

<https://doi.org/10.1109/ICICoS48119.2019.8982383>

Hazim Barnouti, N., Sameer Mahmood Al-Dabbagh, S., & Esam Matti, W.

(2016). Face Recognition: A Literature Review. *International Journal of Applied Information Systems*, 11(4), 21–31.

<https://doi.org/10.5120/ijais2016451597>

Huang, B., Wang, Z., Wang, G., Jiang, K., He, Z., Zou, H., & Zou, Q. (2021).

Masked Face Recognition Datasets and Validation. *2021 IEEE/CVF*

International Conference on Computer Vision Workshops (ICCVW),

1487–1491. <https://doi.org/10.1109/ICCVW54120.2021.00172>

Kementerian Kesehatan Republik Indonesia. (2022). *Surat Edaran Nomor*

K.02.021/I/385/2020 tentang Penggunaan Masker dan Penyediaan



Sarana Cuci Tangan Pakai Sabun (CTPS) Untuk Mencegah Penularan Coronavirus Disease 19 (COVID-19).

Kementrian Kesehatan RI. (2020). *PEDOMAN PENCEGAHAN DAN PENGENDALIAN CORONAVIRUS DISEASE (COVID-19)*. Kementrian Kesehatan RI. <https://infeksiemerging.kemkes.go.id/document/pedoman-pencegahan-dan-pengendalian-covid-19/view>

Kohavi, R., & Provost, F. (1998). *Glossary of Terms Journal of Machine Learning*. <http://robotics.stanford.edu/~ronnyk/glossary.html>

Kong, Q., Shi, Z., Feng, Y., Yang, M., Zhang, M., Zeng, S., Li, R., Yu, K., & Shen, J. (2020). Classification Method of Ethnic Minority Patterns Based on Faster R-CNN. *Journal of Physics: Conference Series*, 1575, 012137. <https://doi.org/10.1088/1742-6596/1575/1/012137>

Longpre, S., & Sohmshtetty, A. (2016). *Facial Keypoint Detection*. <https://www.semanticscholar.org/paper/Facial-Keypoint-Detection-Longpre-Sohmshtetty/8a1ed5e23231e86216c9bdd62419c3b05f1e0b4d>

Meena, D., & Sharan, R. (2016). An approach to face detection and recognition. *2016 International Conference on Recent Advances and Innovations in Engineering (ICRAIE)*, 1–6. <https://doi.org/10.1109/ICRAIE.2016.7939462>

Paul Jacob, M. (2021). COMPARISON OF POPULAR FACE DETECTION AND RECOGNITION TECHNIQUES. *International Research Journal of Modernization in Engineering Technology and Science*, 03(04).



Sekretariat Presiden (Direktur). (2023, Juni 21). *LIVE: Pernyataan Presiden Jokowi Terkait Pencabutan Status Pandemi Covid-19, 21 Juni 2023.*

<https://www.youtube.com/watch?v=i818070s-no>

Shin, S., & Boyapati, M. (2022). *An empirical analysis of image augmentation against model inversion attack in federated learning | Cluster Computing.*

<https://link.springer.com/article/10.1007/s10586-022-03596-1>

Taylor, D. (2021). *Digital Photography Complete Course: Learn Everything You Need to Know in 20 Weeks* (Reissue). DK. <https://z-lib.is/book/digital-photography-complete-course>

Xu, H., Li, C., Rahaman, M. M., Yao, Y., Li, Z., Zhang, J., Kulwa, F., Zhao, X., Qi, S., & Teng, Y. (2020). An Enhanced Framework of Generative Adversarial Networks (EF-GANs) for Environmental Microorganism Image Augmentation With Limited Rotation-Invariant Training Data. *IEEE Access*, 8, 187455–187469.

<https://doi.org/10.1109/ACCESS.2020.3031059>

Zhang, A., Lipton, Z. C., Li, M., & Smola, A. J. (2023). *Dive into Deep Learning* (arXiv:2106.11342). arXiv. <https://doi.org/10.48550/arXiv.2106.11342>



LAMPIRAN

Lampiran 1 Contoh Dataset Pengujian 1



Lampiran 2 Contoh Dataset Pengujian 2



Lampiran 3 *Source Code*

Untuk *source code* yang digunakan pada penelitian ini dapat diakses pada *link* berikut: https://github.com/nurinarahayu1827/face_recognition



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BERITA ACARA UJIAN SKRIPSI

Pada hari ini Jumat, tanggal 15 Maret 2024 Pukul 10.30 WITA - Selesai bertempat di Lab. AIMP Departemen Teknik Informatika Gowa , telah dilaksanakan Ujian Skripsi bagi Saudara :

Nama : Nurina Rahayu
No. Stambuk : D121171003
Fakultas/Departemen : Teknik /Teknik Informatika
Judul Skripsi : “Sistem Rekognisi Wajah dengan Oklusi Penggunaan Masker Secara Real Time”

Yang dihadiri oleh Tim Penguji Ujian Skripsi sebagai berikut :

No.	N a m a	Jabatan	Tanda tangan
1.	Prof.Dr.Ir. Indrabayu,ST.,M.T.,M.Bus.Sys.IPM.ASEAN.Eng	Pemb I/Ketua	1.
2.	Elly Warni,ST.,M.T	Pemb II/Sekretaris	2.
3.	Dr.Eng. Ir.Hj.Dewiani,M.T	Anggota	3.
4.	Iqra Aswad,ST.,M.T	Anggota	4.

Hasil keputusan Tim Penguji Ujian Skripsi/Tugas Akhir : **Lulus / Tidak lulus** dengan nilai angka 85,5... dan huruf ... A.....

Gowa, 15 Maret 2024

Ketua/Sekretaris Panitia Ujian,

Prof. Dr. Ir. Indrabayu,ST.,M.T.,M.Bus.Sys.IPM.ASEAN.Eng

