

DAFTAR PUSTAKA

- , Dwi Marisa Midyanti, D. G. , S. H. S. (2020). Penerjemahan Bahasa Isyarat Menggunakan Metode Generalized Learning Vector Quantization (Glvq). *Coding Jurnal Komputer Dan Aplikasi*, 8(3), 1.
<https://doi.org/10.26418/coding.v8i3.42156>
- Abadi, M., Barham, P., Chen, J., Chen, Z., Davis, A., Dean, J., Devin, M., Ghemawat, S., Irving, G., Isard, M., Kudlur, M., Levenberg, J., Monga, R., Moore, S., Murray, D. G., Steiner, B., Tucker, P., Vasudevan, V., Warden, P., ... Zheng, X. (2016). TensorFlow: A system for large-scale machine learning. *Proceedings of the 12th USENIX Symposium on Operating Systems Design and Implementation, OSDI 2016*, 265–283.
- Adhi Dharma Wibawa (Department of Computer Engineering, Institut Teknologi Sepuluh Nopember, Suarabaya, I., Eko Premunanto (Department of Computer Engineering, Institut Teknologi Sepuluh Nopember, Suarabaya, I., & Ifut Rahayuningsih (Department of Computer Engineering, Institut Teknologi Sepuluh Nopember, Suarabaya, I. (2019). *Sign Language Based on EMG using Time Domain Features Extraction*.
- Agrawal, A. S., Chakraborty, A., & Rajalakshmi, C. M. (2022). International Journal of Research Publication and Reviews Real-Time Hand Gesture Recognition System Using MediaPipe and LSTM. *International Journal of Research Publication and Reviews*, 3(6), 2509–2515. www.ijrpr.com
- Aljabar, A., & Suharjito. (2020). BISINDO (Bahasa isyarat indonesia) sign language recognition using CNN and LSTM. *Advances in Science, Technology and Engineering Systems*, 5(5), 282–287.
<https://doi.org/10.25046/AJ050535>
- Andriana, Mulyanti, B., Widiaty, I., Zulkarnain, & Wulandari, I. Y. (2021). Indonesian Sign Language Converter Into Text and Voice As Social

- Interaction Tool for Inclusion Student in Vocational High Schools. *Journal of Engineering Science and Technology*, 16, 18–25.
- Anshary, M. A. K., Hidayat, E. W., & Amalia, T. (2020). Prototype Program Hand Gesture Recognize Using the Convex Hull Method and Convexity Defect on Android. *Jurnal Online Informatika*, 5(2), 205.
<https://doi.org/10.15575/join.v5i2.594>
- Aziz, A. N., & Kurniawardhani, A. (2021). The Development of Hand Gestures Recognition Research: A Review. *International Journal of Artificial Intelligence Research*, 6(1). <https://doi.org/10.29099/ijair.v6i1.236>
- Borman, R. I., Priyopradono, B., & Syah, A. R. (2018). Klasifikasi Objek Kode Tangan pada Pengenalan Isyarat Alphabet Bahasa Isyarat Indonesia (BISINDO). *Seminar Nasional Informatika Dan Aplikasinya (SNIA)*, September, 1–4.
- Harditya, A. (2020). *Indonesian Sign Language (BISINDO) As Means to Visualize Basic Graphic Shapes Using Teachable Machine*. 502(Imdes), 1–7.
<https://doi.org/10.2991/assehr.k.201202.045>
- Ilham, A. A., & Nurtanio, I. (2019). *Dynamic Hand Recognition for Indonesian Sign Language (SIBI) using Leap Motion Control base on Euclidean Distance and Naïve Bayes Classifier*.
- Indra, D., Purnawansyah, Madenda, S., & Wibowo, E. P. (2019). Indonesian sign language recognition based on shape of hand gesture. *Procedia Computer Science*, 161, 74–81. <https://doi.org/10.1016/j.procs.2019.11.101>
- Indriani, Harris, M., & Agoes, A. S. (2021). Applying Hand Gesture Recognition for User Guide Application Using MediaPipe. *Proceedings of the 2nd International Seminar of Science and Applied Technology (ISSAT 2021)*, 207(Issat), 101–108. <https://doi.org/10.2991/aer.k.211106.017>
- Liu, C., Chen, L. C., Schroff, F., Adam, H., Hua, W., Yuille, A. L., & Fei-Fei, L. (2019). Auto-deeplab: Hierarchical neural architecture search for semantic

image segmentation. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2019-June*, 82–92.

<https://doi.org/10.1109/CVPR.2019.00017>

Nasir, Muhammad Choirun Sudaryanto, E., & Kusumaningrum, H. (2021). Penggunaan Sistem Isyarat Bahasa Indonesia (SIBI) Sebagai Media Komunikasi (Studi Deskriptif Pada Siswa Tunarungu Di SLB Among Asih, Surabaya). *Penggunaan Sistem Isyarat Bahasa Indonesia (SIBI) Sebagai Media Komunikasi (Studi Deskriptif Pada Siswa Tunarungu Di SLB Among Asih, Surabaya)*. [http://repository.untag-sby.ac.id/7955/7/JURNAL PENELITIAN.pdf](http://repository.untag-sby.ac.id/7955/7/JURNAL_PENELITIAN.pdf)

Naveenkumar, M., & Ayyasamy, V. (2016). OpenCV for Computer Vision Applications. *Proceedings of National Conference on Big Data and Cloud Computing (NCBDC'15), March 2015*, 52–56.
https://www.researchgate.net/publication/301590571_OpenCV_for_Computer_Vision_Applications

Pratama, Y., Marbun, E., Parapat, Y., & Manullang, A. (2020). Deep convolutional neural network for hand sign language recognition using model e. *Bulletin of Electrical Engineering and Informatics*, 9(5), 1873–1881. <https://doi.org/10.11591/eei.v9i5.2027>

Pratiwi, A., & Amri, A. (2019). Jurnal Ilmiah Mahasiswa FISIP Penggunaan Sistem Isyarat Bahasa Indonesia (SIBI) sebagai media komunikasi (studi pada siswa tunarungu di SLB "PENGUNAAN SISTEM ISYARAT BAHASA INDONESIA (SIBI) SEBAGAI MEDIA KOMUNIKASI (studi pada siswa tunar. *Jurnal Ilmiah Mahasiswa FISIP Unsyiah*, 4(3), 1–12. www.jim.unsyiah.ac.id/FISIP

S, S., & S, S. (2018). American Sign Language Recognition System: An Optimal Approach. *International Journal of Image, Graphics and Signal Processing*, 10(8), 18–30. <https://doi.org/10.5815/ijigsp.2018.08.03>

Shania, S., Naufal, M. F., Prasetyo, V. R., & Azmi, M. S. B. (2022). *Translator of*

Indonesian Sign Language Video using Convolutional Neural Network with Transfer Learning. 5(1), 17–27.

Shivashankara, S., & Srinath, S. (2019). American sign language video hand gestures recognition using deep neural networks. *International Journal of Engineering and Advanced Technology*, 8(5), 2742–2751.

Staudemeyer, R. C., & Morris, E. R. (2019). *Understanding LSTM -- a tutorial into Long Short-Term Memory Recurrent Neural Networks*. 1–42.
<http://arxiv.org/abs/1909.09586>

Tri Handhika, Ilmiyati Sari, Murni, Dewi Putrie Lestari, & Revaldo Ilfesta Metsi Zen. (2018). *Pendekatan Machine Learning dalam Pengenalan Bahasa Isyarat Indonesia (BISINDO) Menggunakan Bahasa Pemrograman Python* (Issue May 2019). <https://www.researchgate.net/publication/333394379>

Uv, S. T. (2021). *St uv w x. August*. <https://doi.org/10.1007/978-3-030-66519-7>