BIBLIOGRAPHY

[1] K. Reynolds, "COVID-19 increased the use of AI. Here's why it's here to stay," World Economic Forum, 24 February 2021. [Online]. Available: https://www.weforum.org/agenda/2021/02/covid-19-increased-use-of-ai-here-s-why-its-here-to-stay/. [Accessed 20 July 2021].

[2] F. A. Astuti, "Pemanfaatan Teknologi Artificial Intelligence," *Jurnal Sistem Cerdas,* vol. 4, no. 1, pp. 25-34, 2021.

[3] S. Johnny and S. J. Nirmala, "Sign Language Translator Using Machine Learning," *SN Computer Science,* vol. III, no. 36, p. 1, 2022.

[4] J. Napier, "The impact of the COVID-19 pandemic on sign language interpreting working conditions," Acadeafic, 10 June 2020. [Online]. Available: https://acadeafic.org/2020/06/10/interpreting/. [Accessed 20 July 2021].

[5] M. Mishra, "Convolutional Neural Networks, Explained," Towards Data Science, 27 April 2020. [Online]. Available: https://towardsdatascience.com/convolutional-neural-networks-explained-9cc5188c4939. [Accessed 24 July 2021].

[6] A. Dertat, "Applied Deep Learning - Part 4: Convolutional Neural Networks," Towards Data Science, 8 November 2017. [Online]. Available: https://towardsdatascience.com/applied-deep-learning-part-4-convolutional-neural-networks-584bc134c1e2. [Accessed 24 July 2021].

[7] M. Elgendy, Deep Learning for Visions System, New York: Manning Publications Co, 2020, p. 119.

[8] A. Oppermann, "What is Deep Learning and How does it work?," Towards Data Science, 13 November 2019. [Online]. Available: https://towardsdatascience.com/what-is-deep-learning-and-how-does-it-work-2ce44bb692ac. [Accessed 26 July 2021].

[9] I. Dabbura, "Coding Neural Network — Forward Propagation and Backpropagtion," Towards Data Science, 1 April 2018. [Online]. Available: https://towardsdatascience.com/coding-neural-network-forward-propagation-and-backpropagtion-ccf8cf369f76. [Accessed 26 July 2021].

[10] A. Bhardwaj, "What is a Perceptron? – Basics of Neural Networks," Towards Data Science, 12 October 2020. [Online]. Available: https://towardsdatascience.com/what-is-a-perceptron-basics-of-neural-networks-c4cfea20c590. [Accessed 26 July 2021].

[11] S. Yegulalp, "What is TensorFlow? The machine learning library explained," Infoworld, 18 July 2019. [Online]. Available: https://www.infoworld.com/article/3278008/what-is-tensorflow-the-machine-learning-library-explained.html. [Accessed 25 July 2021].

[12] Anonymous, "TensorFlow Applications for IoT: What You Need to Know Now," Temboo, 11 April 2018. [Online]. Available: https://blog.temboo.com/using-tensorflow-for-iot/. [Accessed 25 July 2021].

[13] S. Pal, "OpenCV Functions to Start your Computer Vision journey," Analystic Vidya, 25 March 2019. [Online]. Available: https://www.analyticsvidhya.com/blog/2019/03/opencv-functions-computer-vision-python/. [Accessed 25 July 2021].

[14] M. Hossin, "A Review On Evaluation Metrics For Data Classification Evaluations," *International Journal of Data Mining & Knowledge Management Process,* vol. 5, no. 2, p. 11, 2015.

[15] M. Grandin, E. Bagli and G. Visani, "Metrics For Multi-Class Classification: An Overview," p. 17, 2020.

[16] J. Mohajon, "Confusion Matrix for Your Multi-Class Machine Learning Model," Towards Data Science, 29 May 2020. [Online]. Available: https://towardsdatascience.com/confusion-matrix-for-your-multi-class-machine-learning-model-ff9aa3bf7826. [Accessed 31 July 2021].

[17] "Sign Language MNIST," Kaggle, 2016. [Online]. Available: https://www.kaggle.com/datamunge/sign-language-mnist.

[18] F. Habirawan, "TensorFlow - Framework Machine Learning Dari Google," Kotacode, 24 November 2020. [Online]. Available: https://kotakode.com/blogs/2630/TensorFlow---Framework-Machine-Learning-Dari-Google. [Accessed 24 November 2021].

[19] M. I. H. S, "Cara Install OpenCV di Linux Ubuntu," HAMNICS, 7 July 2015. [Online]. Available: https://www.hamnics.eu.org/2015/06/install-opencv-pada-ubuntu-1404.html. [Accessed August 4 2021].