

## DAFTAR PUSTAKA

- [1] A. Khormi, M. Alahmadi, and S. Haiduc, “A Study on the Accuracy of OCR Engines for Source Code Transcription from Programming Screencasts,” in *Proceedings - 2020 IEEE/ACM 17th International Conference on Mining Software Repositories, MSR 2020*, Jun. 2020, pp. 65–75. doi: 10.1145/3379597.3387468.
- [2] A. Chaudhuri, K. Mandaviya, P. Badelia, and S. K. Ghosh, “Optical character recognition systems,” in *Studies in Fuzziness and Soft Computing*, vol. 352, Springer Verlag, 2017, pp. 9–41. doi: 10.1007/978-3-319-50252-6\_2.
- [3] J. A. Suitter, “Accuracy of Optical Character Recognition Software Google Tesseract,” 2015. [Online]. Available: [https://digitalcommons.usm.maine.edu/thinking\\_matters](https://digitalcommons.usm.maine.edu/thinking_matters)[https://digitalcommons.usm.maine.edu/thinking\\_matters/46](https://digitalcommons.usm.maine.edu/thinking_matters/46)
- [4] M. Tomaschek, “Evaluation of off-the-shelf OCR technologies,” Brno, 2018.
- [5] L. Eikvil and N. Regnesentral, “OCR Optical Character Recognition OCR-Optical Character Recognition,” 1993.
- [6] R. W. Smith, “History of the Tesseract OCR engine: what worked and what didn’t,” in *Document Recognition and Retrieval XX*, Feb. 2013, vol. 8658, p. 865802. doi: 10.1117/12.2010051.
- [7] E. H. A and R. N, “OCR Accuracy Improvement on Document Images Through a Novel Pre-Processing Approach,” *Signal & Image Processing : An International Journal*, vol. 6, no. 4, pp. 01–18, Aug. 2015, doi: 10.5121/sipij.2015.6401.
- [8] A. E. Utami, O. D. Nurhayati, and K. T. Martono, “Aplikasi Penerjemah Bahasa Inggris-Indonesia dengan Optical Character Recognition Berbasis Android,” *Jurnal Teknologi dan Sistem Komputer* , vol. 4, pp. 167–177, 2016.

- [9] S. W. Utama and A. Kusumawardhani, “Aplikasi Pendekripsi Plat Nomor Negara Indonesia Menggunakan OpenCV dan Tesseract OCR pada Android Studio,” 2017.
- [10] S. Eko, “Pencarian Informasi Pajak Kendaraan Berdasarkan Plat Nomer Menggunakan Pustaka Tesseract dan OpenCV Python,” *Jurnal Ilmu Komputer*, vol. III, pp. 14–17, 2020.
- [11] N. Venkata Rao and D. Ascassastry, “OPTICAL CHARACTER RECOGNITION TECHNIQUE ALGORITHMS,” *Journal of Theoretical and Applied Information Technology*, vol. 20, no. 2, 2016, [Online]. Available: [www.jatit.org](http://www.jatit.org)
- [12] R. Fridman, N. Kozlovski, W. Bieniecki, S. Grabowski, and W. Rozenberg, “Image Preprocessing for Improving OCR Accuracy,” 2007.
- [13] C. Patel, A. Patel, and D. Patel, “Optical Character Recognition by Open source OCR Tool Tesseract: A Case Study,” *International Journal of Computer Applications*, vol. 55, no. 10, pp. 50–56, Oct. 2012, doi: 10.5120/8794-2784.
- [14] C. Kanan and G. W. Cottrell, “Color-to-grayscale: Does the method matter in image recognition?,” *PLoS ONE*, vol. 7, no. 1, Jan. 2012, doi: 10.1371/journal.pone.0029740.
- [15] G. Deng, “A generalized unsharp masking algorithm,” *IEEE Transactions on Image Processing*, vol. 20, no. 5, pp. 1249–1261, May 2011, doi: 10.1109/TIP.2010.2092441.
- [16] G. Deng and L. W. Cahill, “Adaptive Gaussian filter for noise reduction and edge detection,” in *IEEE Nuclear Science Symposium & Medical Imaging Conference*, 1994, no. pt 3, pp. 1615–1619. doi: 10.1109/nssmic.1993.373563.
- [17] J. Yousefi, “Image Binarization using Otsu Thresholding Algorithm,” 2011, doi: 10.13140/RG.2.1.4758.9284.
- [18] sagar B. Tambe, D. Kulhare, M. D. Nirmal, G. Prajapati, and M. Pune, “International Journal of Emerging Technology and Advanced Engineering

- Image Processing (IP) Through Erosion and Dilation Methods,” 2008. [Online]. Available: [www.ijetae.com](http://www.ijetae.com)
- [19] Akhil S, “An overview of Tesseract OCR Engine A Seminar Report,” 2016.
- [20] R. Smith, “An Overview of the Tesseract OCR Engine.” [Online]. Available: <http://code.google.com/p/tesseract-ocr>.
- [21] G. B. García, *Learning Image Processing with OpenCV : exploit the amazing features of OpenCV to create powerful image processing applications through easy-to-follow examples.*
- [22] Raspberry Pi Ltd, “Raspberry Pi Camera Documentation,” <https://www.raspberrypi.com/documentation/accessories/camera.html#hardware-specification>.