

## Daftar Pustaka

- [1] Sekretariat Perusahaan PT PLN (Persero), "Statistik PLN 2020," 2020. Accessed: Nov. 06, 2021. [Online]. Available: <https://web.pln.co.id/statics/uploads/2021/07/Statistik-PLN-2020.pdf>
- [2] Athika Rahma, "Konsumsi Listrik Tumbuh 5,46 Persen Selama Pandemi Corona," *Liputan6.com*, Jul. 03, 2020. Accessed: Dec. 09, 2021. [Online]. Available: <https://www.liputan6.com/bisnis/read/4318979/konsumsi-listrik-tumbuh-546-persen-selama-pandemi-corona>
- [3] R. Fitriani, R. Wati, P. Hanifah, and M. Misriyanti, "Kampanye Hemat Listrik Terhadap Efisiensi Energi Pada Ibu Rumah Tangga Yang Bekerja," *Psikostudia : Jurnal Psikologi*, vol. 7, no. 2, 2019, doi: 10.30872/psikostudia.v7i2.2407.
- [4] A. D. Santoso and M. A. Salim, "Penghematan Listrik Rumah Tangga dalam Menunjang Kestabilan Energi Nasional dan Kelestarian Lingkungan," *Jurnal Teknologi Lingkungan*, vol. 20, no. 2, pp. 263–270, Jul. 2019.
- [5] J. Thøgersen and A. Grønhøj, "Electricity saving in households-A social cognitive approach," *Energy Policy*, vol. 38, no. 12, 2010, doi: 10.1016/j.enpol.2010.08.025.
- [6] A. Bhati, M. Hansen, and C. M. Chan, "Energy conservation through smart homes in a smart city: A lesson for Singapore households," *Energy Policy*, vol. 104, 2017, doi: 10.1016/j.enpol.2017.01.032.
- [7] H. Garg, "Drowsiness Detection of a Driver using Conventional Computer Vision Application," 2020. doi: 10.1109/PARC49193.2020.2365556.
- [8] M. Ngxande, J. R. Tapamo, and M. Burke, "Driver drowsiness detection using behavioral measures and machine learning techniques: A review of state-of-art techniques," in *2017 Pattern Recognition Association of South Africa and Robotics and Mechatronics International Conference, PRASARobMech 2017*, Jul. 2017, vol. 2018-January, pp. 156–161. doi: 10.1109/RoboMech.2017.8261140.
- [9] V. Saini, "Driver Drowsiness Detection System and Techniques : A Review," *International Journal of Computer Science and Information Technologies*, vol. 5, no. 3, 2014.
- [10] A. Sadeh, "III. Sleep assessment methods," *Monogr Soc Res Child Dev*, vol. 80, no. 1, 2015, doi: 10.1111/mono.12143.
- [11] N. Boyko, O. Basystiuk, and N. Shakhovska, "Performance Evaluation and Comparison of Software for Face Recognition, Based on Dlib and OpenCV Library," 2018. doi: 10.1109/DSMP.2018.8478556.
- [12] M. K. H. Majumdar, H. Biswas, M. H. A. Shaim, and K. T. Ahmed, "Automated energy saving and safety system," 2014. doi: 10.1109/ICEEICT.2014.6919097.
- [13] T. F. Anders and M. Keener, "Developmental course of nighttime sleep-wake patterns in full-term and premature infants during the first year of life. I.," *Sleep*, vol. 8, no. 3, 1985, doi: 10.1093/sleep/8.3.173.
- [14] R. O. Mbouna, S. G. Kong, and M. G. Chun, "Visual analysis of eye state and head pose for driver alertness monitoring," *IEEE Transactions on Intelligent Transportation Systems*, vol. 14, no. 3, 2013, doi: 10.1109/TITS.2013.2262098.
- [15] S. Junaedi and H. Akbar, "Driver Drowsiness Detection Based on Face Feature and PERCLOS," in *Journal of Physics: Conference Series*, 2018, vol. 1090, no. 1. doi: 10.1088/1742-6596/1090/1/012037.
- [16] N. Dalal and B. Triggs, "Histograms of oriented gradients for human detection," in *Proceedings - 2005 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, CVPR 2005*, 2005, vol. I. doi: 10.1109/CVPR.2005.177.
- [17] T. T. Hien, Q. Liang, and N. T. D. Linh, "Design Driver Sleep Warning System Through Image Recognition and Processing in Python, Dlib, and OpenCV," in *Lecture Notes in Networks and Systems*, 2021, vol. 243. doi: 10.1007/978-981-16-2094-2\_47.
- [18] D. E. King, "Dlib-ml: A machine learning toolkit," *Journal of Machine Learning Research*, vol. 10, 2009.
- [19] T. Veldhuizen and K. Ponnambalam, "Linear algebra with C++ template metaprograms," *Dr. Dobb's Journal*, vol. 21, no. 8, 1996.
- [20] G. Bradski, "The OpenCV Library," *Dr. Dobb's Journal of Software Tools*, 2000.
- [21] C. Sagonas, G. Tzimiropoulos, S. Zafeiriou, and M. Pantic, "300 faces in-the-wild challenge: The first facial landmark Localization Challenge," 2013. doi: 10.1109/ICCVW.2013.59.
- [22] C. Sagonas, G. Tzimiropoulos, S. Zafeiriou, and M. Pantic, "A semi-automatic methodology for facial landmark annotation," 2013. doi: 10.1109/CVPRW.2013.132.
- [23] C. Sagonas, E. Antonakos, G. Tzimiropoulos, S. Zafeiriou, and M. Pantic, "300 Faces In-The-Wild Challenge: database and results," *Image and Vision Computing*, vol. 47, 2016, doi: 10.1016/j.imavis.2016.01.002.
- [24] Sins Home, "Detail Produk Raspberry pi 3 model b+," *Tokopedia*. <https://www.tokopedia.com/sinsh1/raspberry-pi-3-model-b> (accessed Dec. 02, 2021).

- [25] Chip Smart Bandung, “Detail Produk Logitech C270,” *Tokopedia*. <https://www.tokopedia.com/chipsmartbandung/logitech-c270-webcam-original-garansi-2-tahun> (accessed Jul. 14, 2022).
- [26] pricebook.co.id, “Sony Bravia KLV-32BX311,” *pricebook.co.id*. [https://www.pricebook.co.id/SonyKLV-32BX311/90/PD\\_00003371](https://www.pricebook.co.id/SonyKLV-32BX311/90/PD_00003371) (accessed Dec. 06, 2021).
- [27] Haikostore, “Detail Produk Stand Fan Cosmos 16 SN,” *Tokopedia*. <https://www.tokopedia.com/haikostore-1/stand-fan-cosmos-16> (accessed Dec. 02, 2021).
- [28] Philips light, “Detail Produk Philips MyCare LEDBulb 10W E27 6500K 230V Putih,” *Tokopedia*. <https://www.tokopedia.com/phillips-light/phillips-mycare-ledbulb-10w-e27-6500k-230v-putih> (accessed Dec. 02, 2021).
- [29] Adrian Rosebrock, “Imutils Github Repository,” *MIT License*, 2015. <https://github.com/PyImageSearch/imutils> (accessed Jul. 14, 2022).
- [30] ben Croston, “RPIO’s documentation,” *MIT License*, 2013. <https://pythonhosted.org/RPIO/> (accessed Jul. 14, 2022).
- [31] Angelo (Italy), “RM-ED035 Lirc Remote Table Configuration,” 2010. <https://sourceforge.net/p/lircremotes/code/ci/master/tree/remotes/sony/RM-ED035.lircd.conf> (accessed Jul. 14, 2022).
- [32] Adrian Rosebrock, “Tuning dlib shape predictor hyperparameters to balance speed, accuracy, and model size,” Dec. 23, 2019. <https://pyimagesearch.com/2019/12/23/tuning-dlib-shape-predictorhyperparameters-to-balance-speed-accuracy-and-model-size/> (accessed Jul. 14, 2022).