

## **DAFTAR PUSTAKA**

- A.S, R., & M, S. (2016). Rekayasa Perangkat Lunak. In *Informatika Bandung*.
- Akhmad, S., & Hasan, N. (2015). Perancangan Sistem Rawat Jalan Berasis web Pada Puskesmas Winog. *Informatika*, 3(1), 28–34.  
<https://ejournal.bsi.ac.id/ejurnal/index.php/Bianglala/article/view/574/465>
- Albawi, S., Mohammed, T. A. M., & Alzawi, S. (2017). A DATA-DRIVEN APPROACH TO PRECIPITATION PARAMETERIZATIONS USING CONVOLUTIONAL ENCODER-DECODER NEURAL NETWORKS  
Pablo. *Ieee*.  
<https://wiki.tum.de/display/lfdv/Layers+of+a+Convolutional+Neural+Network>
- Cheng, L., Zhang, X., & Shen, J. (2019). Road surface condition classification using deep learning. *Journal of Visual Communication and Image Representation*, 64, 102638. <https://doi.org/10.1016/j.jvcir.2019.102638>
- Eka Putra, W. S. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101. *Jurnal Teknik ITS*, 5(1).  
<https://doi.org/10.12962/j23373539.v5i1.15696>
- Fikriya, Z. A., Irawan, M. I., & Soetrisno., S. (2017). Implementasi Extreme Learning Machine untuk Pengenalan Objek Citra Digital. *Jurnal Sains Dan Seni ITS*, 6(1). <https://doi.org/10.12962/j23373520.v6i1.21754>
- Gad, A. F. (2018). Practical Computer Vision Applications Using Deep Learning with CNNs With Detailed Examples in Python Using TensorFlow and Kivy. In *Practical Computer Vision Applications Using Deep Learning with CNNs*

*With Detailed Examples in Python Using TensorFlow and Kivy.*

Gorman, J. (2006). *Use Cases - An Introduction Table of Contents*. 1–16.

Hamilton, R. M. and K. (2006). A Pragmatic Introduction to UML. In *Learning UML 2.0* (Vol. 66).

J. F., D. (2017). *Beginning Android® Programming with Android Studio*. John Wiley & Sons, Inc.

Kamiş, S., & Goularas, D. (2019). Evaluation of Deep Learning Techniques in Sentiment Analysis from Twitter Data. *Proceedings - 2019 International Conference on Deep Learning and Machine Learning in Emerging Applications, Deep-ML 2019*, 12–17. <https://doi.org/10.1109/Deep-ML.2019.00011>

Khan, S., Rahmani, H., Shah, S. A. A., & Bennamoun, M. (2018). A Guide to Convolutional Neural Networks for Computer Vision. *Synthesis Lectures on Computer Vision*, 8(1), 1–207.

<https://doi.org/10.2200/s00822ed1v01y201712cov015>

Li, X., & Shi, Y. (2018). Computer vision imaging based on artificial intelligence. *Proceedings - 2018 International Conference on Virtual Reality and Intelligent Systems, ICVRIS 2018*, 22–25.

<https://doi.org/10.1109/ICVRIS.2018.00014>

Nelli, F., & Nelli, F. (2018). Deep Learning with TensorFlow. In *Python Data Analytics*. [https://doi.org/10.1007/978-1-4842-3913-1\\_9](https://doi.org/10.1007/978-1-4842-3913-1_9)

Pereira, V., Tamura, S., Hayamizu, S., & Fukai, H. (2018). A Deep Learning-Based Approach for Road Pothole Detection in Timor Leste. *Proceedings of the 2018 IEEE International Conference on Service Operations and*

- Logistics, and Informatics, SOLI 2018*, 279–284.  
<https://doi.org/10.1109/SOLI.2018.8476795>
- Rohim, A., Sari, Y. A., & Tibyani. (2019). Convolution Neural Network (CNN) untuk Pengklasifikasian Citra Makanan Tradisional. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(7), 7038–7042. <http://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/5851/2789>
- Sarkale, A., Shah, K., Chaudhary, A., & Nagarhalli, T. (2018). An Innovative Machine Learning Approach for Object Detection and Recognition. *Proceedings of the International Conference on Inventive Communication and Computational Technologies, ICICCT 2018, Icicct*, 1008–1010. <https://doi.org/10.1109/ICICCT.2018.8473221>
- Singal, G., Goswami, A., Gupta, S., & Choudhary, T. (2018). Pitfree: Pot-holes detection on Indian Roads using Mobile Sensors. *Proceedings of the 8th International Advance Computing Conference, IACC 2018*, 185–190. <https://doi.org/10.1109/IADCC.2018.8692120>
- Singh, H. (2019). *Practical Machine Learning and Image Processing For Facial Recognition, Object Detection, and Pattern Recognition Using Python-Himanshu Singh*. <https://doi.org/10.1007/978-1-4842-4149-3>
- Use, B., Diagrams, C., Diagrams, S., & Modeling, V. (2012). UML with Rational Rose 2002. *Journal of Surgical Orthopaedic Advances*, 21(4), v–vi. <https://doi.org/10.1093/jhered/ess125>
- Van Casteren, W. (2017). *The Waterfall Model and the Agile Methodologies : A comparison by project characteristics - short*. <https://doi.org/10.13140/RG.2.2.10021.50403>

Wiratmoko, A. D., Syauqi, A. W., Handika, M. S., Nurrizki, D. B., Wafi, M.,

Syai'In, M., Sutrisno, I., Hasin, M. K., Munadhif, I., Arfianto, A. Z.,

Santosa, A. W. B., & Ardhana, V. Y. P. (2019). Design of Potholes

Detection as Road's Feasibility Data Information Using Convolutional

Neural Network (CNN). *Proceeding - 2019 International Symposium on*

*Electronics and Smart Devices, ISESD 2019*, 1–5.

<https://doi.org/10.1109/ISESD.2019.8909461>

Wu, H., Wu, D., & Zhao, J. (2019). An intelligent fire detection approach through

cameras based on computer vision methods. *Process Safety and*

*Environmental Protection*, 127, 245–256.

<https://doi.org/10.1016/j.psep.2019.05.016>