

DAFTAR PUSTAKA

- [1] S. Agarwal and H. Farid, "Exposing photo manipulation with inconsistent shadows," *IEEE Trans. Inf. Forensics Security*, vol. 16, pp. 4200-4211, 2021.
- [2] N. Goodin, *After Effects Apprentice*, Taylor & Francis, 2019.
- [3] J. F. Hair, W. C. Black, B. J. Babin, and R. E. Anderson, *Multivariate Data Analysis*, Cengage Learning, 2020.
- [4] Y. F. Hsu and B. Sabirli, "Deepfake detection: A comprehensive review," *ACM Comput. Surv.*, vol. 55, no. 8, pp. 1-36, 2023.
- [5] Paris and K. J. Kim, "The effects of image manipulation on social media: A systematic review," *Cyberpsychol. Behav. Soc. Netw.*, vol. 25, no. 5, pp. 299-307, 2022.
- [6] L. Verdoliva, "Media forensics and deepfakes," *IEEE J. Sel. Topics Signal Process.*, vol. 14, no. 5, pp. 1020-1035, 2020.
- [7] H. Bisri and M. I. Marzuki, "Forensik Citra Digital Menggunakan Metode Error Level Analysis, Clone Detection dan Exif Untuk Deteksi Keaslian Gambar," *G-Tech: Jurnal Teknologi Terapan*, vol. 7, no. 2, pp. 586–595, Apr. 2023. DOI: 10.33379/gtech.v7i2.2363.
- [8] S. Chakraborty, K. Chatterjee, and P. Dey, "Detection of Image Tampering Using Deep Learning, Error Levels and Noise Residuals," *Neural Processing Letters*, vol. 56, p. 112, Mar. 2024. DOI: 10.1007/s11063-024-11448-9.
- [9] P. Wibowo and Sudarto, "Akibat Hukum Bagi Pelaku Penyebaran Informasi Palsu (Hoax) Berdasarkan UU ITE," *Lex Laguens: Jurnal Kajian Hukum dan Keadilan*, vol. 3, no. 1, pp. 45–59, Feb. 2025. Available: <https://jurnal.dokterlaw.com/index.php/lexlaguens>.
- [10] Gunawan, H. Lovenia, and A. H. Pramudita, "Deteksi Pemalsuan Gambar dengan ELA dan Deep Learning," *Sekolah Teknik Elektro dan Informatika, Institut Teknologi Bandung*, 2024.
- [11] Riadi, A. Yudhana, and W. Y. Sulisty, "Deteksi Pemalsuan Foto Digital Menggunakan Image Forensics," *Jurnal Mobile and Forensics*, vol. 1, no. 1, pp. 13–21, Mar. 2019. DOI: 10.12928/mf.v1i1.703.
- [12] N. B. Naidu, T. Kavyasree, T. R. Teja, P. S. Sarayu, and S. Sai, "Image Forgery Detection using ResNet50," *International Journal for Research in Applied*

Science & Engineering Technology (IJRASET), vol. 12, no. 3, Mar. 2024.
Available: <https://www.ijraset.com>.

- [13] N. Nurfaidah, “Implementasi Convolutional Neural Network untuk Deteksi Cacat Kain,” *Skripsi, Program Studi Sarjana Teknik Informatika, Fakultas Teknik, Universitas Hasanuddin*, Gowa, 2024.
- [14] B. K. Sudiatmika, F. Rahman, Trisno, and Suyoto, “Image Forgery Detection Using Error Level Analysis and Deep Learning,” *TELKOMNIKA*, vol. 17, no. 2, pp. 653–659, Apr. 2019. DOI: 10.12928/TELKOMNIKA.v17i2.8976.
- [15] Y. Kaya and E. Gürsoy, “A MobileNet-based CNN model with a novel fine-tuning mechanism for COVID-19 infection detection,” *Soft Computing*, vol. 27, pp. 5521–5535, 2023. DOI: [10.1007/s00500-022-07798-y](https://doi.org/10.1007/s00500-022-07798-y).
- [16] W. Salehi, S. Khan, G. Gupta, B. I. Alabdullah, A. Almjally, H. Alsolai, T. Siddiqui, and A. Mellit, “A Study of CNN and Transfer Learning in Medical Imaging: Advantages, Challenges, Future Scope,” *Sustainability*, vol. 15, no. 7, p. 5930, 2023. DOI: [10.3390/su15075930](https://doi.org/10.3390/su15075930).
- [17] M. Krichen, “Convolutional Neural Networks: A Survey,” *Computers*, vol. 12, no. 8, p. 151, 2023. DOI: [10.3390/computers12080151](https://doi.org/10.3390/computers12080151).
- [18] S. Albawi, T. A. Mohammed, and S. Al-Zawi, “Understanding of a Convolutional Neural Network,” in *Proc. Int. Conf. on Engineering and Technology (ICET)*, Antalya, Turkey, 2017, pp. 1–6. DOI: 10.1109/ICEngTechnol.2017.8308186.
- [19] S. Sakib, N. Ahmed, A. J. Kabir, and H. Ahmed, “An Overview of Convolutional Neural Network: Its Architecture and Applications,” *Preprints*, Nov. 2018. DOI: 10.20944/preprints201811.0546.v1.
- [20] Khan, A. Sohail, U. Zahoor, and A. S. Qureshi, “A Survey of the Recent Architectures of Deep Convolutional Neural Networks,” *Artificial Intelligence Review*, 2020. DOI: [10.1007/s10462-020-09825-6](https://doi.org/10.1007/s10462-020-09825-6).
- [21] Kokkinos, E. C. Paris, and G. Group, “Introduction to Deep Learning Convolutional Networks, Dropout, Maxout,” *IEEE International Conference on Engineering and Technology (ICET)*, 2017. DOI: 10.1109/ICEngTechnol.2017.8308186.

- [22] Z. H. Muhamad, D. A. Abdulmonim, and B. Alathari, “An integration of UML use case diagram and activity diagram with Z language for formalization of library management system,” *Int. J. Electr. Comput. Eng.*, vol. 9, no. 4, pp. 3069–3076, Aug. 2019, doi: 10.11591/ijece.v9i4.pp3069-3076.
- [23] O. Nikiforova, S. Putintsev, and D. Ahilcenoka, “Analysis of sequence diagram layout in advanced UML modelling tools,” *Appl. Comput. Syst.*, vol. 19, pp. 37–44, 2016, doi: 10.1515/acss-2016-0005.
- [24] V. Kaliappan and N. M. Ali, “Improving consistency of UML diagrams and its implementation using reverse engineering approach,” *Bull. Electr. Eng. Inform.*, vol. 7, no. 4, pp. 665–672, Dec. 2018, doi: 10.11591/eei.v7i4.1358.
- [25] F. P. Waluyo, M. R. A. Setyautami, and A. Azurat, “UML transformation to Java-based software product lines,” *J. Ilmu Komput. dan Inform.*, vol. 15, no. 2, pp. 119–129, 2022, doi: 10.21609/jiki.v15i2.1070.
- [26] R. Fauzan, D. O. Siahaan, S. Rochimah, and E. Triandini, “A novel approach to automated behavioral diagram assessment using label similarity and subgraph edit distance,” *Comput. Sci.*, vol. 22, no. 2, pp. 191–207, 2021, doi: 10.7494/csci.2021.22.2.3868.
- [27] R. A. Williams, J. Timmis, and E. E. Qwarnstrom, “Statistical techniques complement UML when developing domain models of complex dynamical biosystems,” *PLoS ONE*, vol. 11, no. 8, p. e0160834, Aug. 2016, doi: 10.1371/journal.pone.0160834.
- [28] V. Moreno, G. Génova, M. Alejandres, and A. Fraga, “Automatic classification of web images as UML static diagrams using machine learning techniques,” *Appl. Sci.*, vol. 10, no. 7, p. 2406, 2020, doi: 10.3390/app10072406.
- [29] S. Shcherban, P. Liang, Z. Li, and C. Yang, “Multiclass classification of four types of UML diagrams from images using deep learning,” in *Proc. 33rd Int. Conf. Softw. Eng. Knowl. Eng. (SEKE)*, 2021, pp. 553–558, doi: 10.18293/SEKE2021-185.