

DAFTAR PUSTAKA

- [1] J. Deni, "Perancangan Aplikasi Deteksi Wajah Untuk Kehadiran Menggunakan Computer Vision (CV)." Accessed: Apr. 01, 2024. [Online]. Available: <https://repository.itttelkom-pwt.ac.id/9543/>
- [2] "Perancangan Absensi Berbasis Face Recognition Pada Desa Sokaraja Lor Menggunakan Platform Android | JATISI (Jurnal Teknik Informatika dan Sistem Informasi)," Mar. 2021, Accessed: Apr. 14, 2024. [Online]. Available: <https://jurnal.mdp.ac.id/index.php/jatisi/article/view/629>
- [3] T. A. Pertiwi *et al.*, "Perancangan Dan Implementasi Sistem Informasi Absensi Berbasis Web Menggunakan Metode Agile Software Development," *Jurnal Testing dan Implementasi Sistem Informasi*, vol. 1, no. 1, Art. no. 1, Mar. 2023, Accessed: Apr. 15, 2024. [Online]. Available: <https://journal.al-matani.com/index.php/jtisi/article/view/325>
- [4] S. Mayunita and S. H. Jumaah, "Efektifitas Sistem Absensi Finger Print dalam Meningkatkan Kedisiplinan Pegawai Negeri Sipil Pada Kantor Sekretariat DPRD Buton," *Jurnal Penelitian Ilmu Sosial dan Eksakta*, vol. 1, no. 2, pp. 98–107, Mar. 2022, doi: 10.47134/trilogi.v1i2.19.
- [5] I. Salamah, M. R. A. Said, and S. Soim, "Perancangan Alat Identifikasi Wajah Dengan Algoritma You Only Look Once (YOLO) Untuk Presensi Mahasiswa," *Jurnal Media Informatika Budidarma*, vol. 6, no. 3, Art. no. 3, Jul. 2022, doi: 10.30865/mib.v6i3.4399.
- [6] M. A. Taufiqurrochman and H. Februariyanti, "Rancang Bangun Aplikasi Deteksi Alat Pelindung Diri (APD) untuk Pekerja Proyek dengan Menggunakan Algoritma Yolov5," *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 8, no. 2, Art. no. 2, Apr. 2024, doi: 10.35870/jtik.v8i2.1960.
- [7] D. I. Mulyana and Sahroni, "Optimasi Penerapan Algoritma Yolo dan Data Augmentasi dalam Klasifikasi Pakaian Tradisional Kebaya," *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 8, no. 1, Art. no. 1, Jan. 2024, doi: 10.35870/jtik.v8i1.1446.
- [8] R. F. Putra and D. I. Mulyana, "Optimasi Deteksi Objek Dengan Segmentasi dan Data Augmentasi Pada Hewan Siput Beracun Menggunakan Algoritma You Only Look Once (YOLO)," *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 8, no. 1, Art. no. 1, Jan. 2024, doi: 10.35870/jtik.v8i1.1391.
- [9] I. N. Simbolon, D. F. Lumbanraja, and K. Tampubolon, "Analysis And Implementation Of Yolov7 In Detecting Pin Del In Real-Time," *Jurnal Teknik Informatika (Jutif)*, vol. 5, no. 2, Art. no. 2, Apr. 2024, doi: 10.52436/1.jutif.2024.5.2.1286.
- [10] G. Dwilestari, H. Susana, R. Hamonangan, and D. Pratama, "Implementasi Algoritma CNN dalam Sistem Absensi Berbasis Pengenalan Wajah," *Jurnal Informatika Polinema*, vol. 10, no. 2, Art. no. 2, Feb. 2024, doi: 10.33795/jip.v10i2.4852.

- [11] N. Adhayanti, F. T. Nugroho, and R. Susiloatmadja, "Sistem Pendeteksi Wajah Bermasker Secara Real Time Menggunakan Metode CNN," *Jurnal Ilmiah Teknik*, vol. 2, no. 1, Art. no. 1, Jan. 2023, doi: 10.56127/juit.v2i1.475.
- [12] I. Maulana, N. Khairunisa, and R. Mufidah, "Deteksi Bentuk Wajah Menggunakan Convolutional Neural Network (CNN)," *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 7, no. 6, Art. no. 6, 2023, doi: 10.36040/jati.v7i6.8171.
- [13] F. A. Nugraha, H. A. Fazira, M. I. Nugraha, and A. Febriansyah, "Sistem Pengenalan Wajah Mahasiswa Praktikum Di Laboratorium Teknik Elektro dan Informatika Polmanbabel Menggunakan Convolutional Neural Network (CNN)," *Jurnal Inovasi Teknologi Terapan*, vol. 1, no. 1, Art. no. 1, Feb. 2023, doi: 10.33504/jitt.v1i1.22.
- [14] K. Wahyuddin, D. Wahiddin, and D. Kusumaningrum, "Sistem Deteksi Wajah Keamanan Pintu Menggunakan Metode Convolutional Neural Network (CNN) Berbasis Arduino," *Scientific Student Journal for Information, Technology and Science*, vol. 4, no. 1, Art. no. 1, Jan. 2023, Accessed: Apr. 28, 2024. [Online]. Available: <https://journal.ubpkarawang.ac.id/mahasiswa/index.php/ssj/article/view/713>
- [15] I. Salamah, M. R. A. Said, and S. Soim, "Perancangan Alat Identifikasi Wajah Dengan Algoritma You Only Look Once (YOLO) Untuk Presensi Mahasiswa," *JURNAL MEDIA INFORMATIKA BUDIDARMA*, vol. 6, no. 3, Art. no. 3, Jul. 2022, doi: 10.30865/mib.v6i3.4399.
- [16] A. Fu'adi, "Pembangunan Sistem Monitoring Kehadiran Mahasiswa Menggunakan Yolo Pendeteksi Obyek dan Pengenal Wajah Opencv | Jurnal Ilmiah Teknologi Informasi Asia," May 2024, Accessed: Jun. 22, 2024. [Online]. Available: <https://jurnal.stmikasia.ac.id/index.php/jitika/article/view/999>
- [17] A. Valentino, A. R. S.n, F. Wijoyo, I. J. Lestari, T. P. Andari, and P. Rosyani, "Studi literatur review: Alat Identifikasi Wajah untuk Absensi Mahasiswa Dengan Algoritma YOLO pada Flatfom Android," *LOGIC : Jurnal Ilmu Komputer dan Pendidikan*, vol. 1, no. 2, Art. no. 2, Feb. 2023, Accessed: Jun. 22, 2024. [Online]. Available: <https://journal.mediapublikasi.id/index.php/logic/article/view/1597>
- [18] Y. Yanto, F. Aziz, and I. Irmawati, "YOLO-V8 Peningkatan Algoritma Untuk Deteksi Pemakaian Masker Wajah," *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 7, no. 3, Art. no. 3, Oct. 2023, doi: 10.36040/jati.v7i3.7047.
- [19] A. P. Saputri, A. Taqwa, and S. Soim, "Analisis Deteksi Objek Citra Digital Menggunakan Algoritma Yolo dan CNN Dengan Arsitektur REPVGG pada Sistem Pendeteksian dan Pengenalan Ekspresi Wajah," *Syntax Literate ; Jurnal Ilmiah Indonesia*, vol. 7, no. 9, pp. 13068–13080, 2022, doi: 10.36418/syntax-literate.v7i9.9393.

- [20] B. Karyadi, "Pemanfaatan Kecerdasan Buatan Dalam Mendukung Pembelajaran Mandiri," *Educate : Jurnal Teknologi Pendidikan*, vol. 8, no. 02, Art. no. 02, Jul. 2023, doi: 10.32832/educate.v8i02.14843.
- [21] J. D. Susatyono, "Kecerdasan Buatan, Kajian Konsep Dan Penerapan," *Penerbit Yayasan Prima Agus Teknik*, pp. 1–151, Apr. 2021, Accessed: Apr. 28, 2024. [Online]. Available: <https://penerbit.stekom.ac.id/index.php/yayasanpat/article/view/218>
- [22] "A comprehensive overview of Artificial Intelligence - Kouassi Konan Jean-Claude".
- [23] I. C. Rossi, A. Armanto, and T. H. B. Aviani, "Penerapan Metode Deep Learning Pada Sistem Pendeteksi Gambar Notasi Balok," *Kohesi: Jurnal Sains dan Teknologi*, vol. 2, no. 12, Art. no. 12, Apr. 2024, doi: 10.3785/kohesi.v2i12.2807.
- [24] S. N. Himawan, R. Sohiburroyan, and N. B. Nugraha, "Deteksi Kantuk Pengemudi Menggunakan Deep Learning," *Seminar Nasional Industri dan Teknologi*, pp. 1–8, 2022, Accessed: Apr. 28, 2024. [Online]. Available: <https://snit-polbeng.org/eprosiding/index.php/snit/article/view/273>
- [25] M. R. S. Alfarizi, M. Z. Al-farish, M. Taufiqurrahman, G. Ardiansah, and M. Elgar, "Penggunaan Python Sebagai Bahasa Pemrograman untuk Machine Learning dan Deep Learning," *Karimah Tauhid*, vol. 2, no. 1, Art. no. 1, Jan. 2023, doi: 10.30997/karimahtauhid.v2i1.7518.
- [26] P. Chambi-Condori, T.-R. Saravia-Ticona, and M. Chambi-Vásquez, "Comparative Analysis of Quantitative Predictive Models Utilizing Machine Learning for Business Decision Making," 2025.
- [27] T. W. Qur'ana, "Implementasi Metode Convolutional Neural Network (CNN) untuk Klasifikasi Motif pada Citra Sasirangan," *Madani: Jurnal Ilmiah Multidisiplin*, vol. 1, no. 7, Art. no. 7, Aug. 2023, doi: 10.5281/zenodo.8305503.
- [28] "(PDF) A High-Accuracy Model Average Ensemble of Convolutional Neural Networks for Classification of Cloud Image Patches on Small Datasets," *ResearchGate*, Apr. 2025, doi: 10.3390/app9214500.
- [29] F. Ramadhani, A. Satria, and S. Dewi, "Identifikasi Kendaraan Bermotor pada Dashcam Mobil Menggunakan Algoritma YOLO," *Hello World Jurnal Ilmu Komputer*, vol. 2, no. 4, Art. no. 4, Mar. 2024, doi: 10.56211/helloworld.v2i4.466.
- [30] C. Gao, G. Zhao, S. Gao, S. Du, E. Kim, and T. Shen, "Advancing architectural heritage: precision decoding of East Asian timber structures from Tang dynasty to traditional Japan," *Herit Sci*, vol. 12, no. 1, Jun. 2024, doi: 10.1186/s40494-024-01332-z.
- [31] J. Walangitan, S. R. U. A. Sompie, and X. B. N. Najoan, "Sistem Absensi Pengenalan Wajah Bermasker: Masked Face Recognition Attendance System," *Jurnal Teknik Informatika*, vol. 19, no. 01, Art. no. 01, Jan. 2024, doi: 10.35793/jti.v19i01.51327.

- [32] G. K. L. Rao, A. C. Srinivasa, Y. H. P. Iskandar, and N. Mokhtar, "Identification and analysis of photometric points on 2D facial images: a machine learning approach in orthodontics," *Health Technol.*, vol. 9, no. 5, pp. 715–724, Nov. 2019, doi: 10.1007/s12553-019-00313-8.
- [33] T. Sutisna, A. R. Raharja, S. Solihin, E. Hariyadi, and V. H. C. Putra, "Penggunaan Computer Vision untuk Menghitung Jumlah Kendaraan dengan Menggunakan Metode SSD (Single Shoot Detector)," *Innovative: Journal Of Social Science Research*, vol. 4, no. 2, Art. no. 2, Apr. 2024, doi: 10.31004/innovative.v4i2.10071.
- [34] D. Ma, B. Dang, S. Li, H. Zang, and X. Dong, "Implementation of computer vision technology based on artificial intelligence for medical image analysis".
- [35] A. Fitri and M. Adiwisasta, "Perancangan Sistem Informasi Absensi Menggunakan Metode QR Code Berbasis Android," *Infotek: Jurnal Informatika dan Teknologi*, vol. 7, pp. 150–159, Jan. 2024, doi: 10.29408/jit.v7i1.21411.
- [36] "Deteksi Helm Keselamatan Menggunakan Jetson Nano dan YOLOv7 | Journal of Applied Computer Science and Technology." Accessed: May 24, 2024. [Online]. Available: <https://journal.isas.or.id/index.php/JACOST/article/view/637>
- [37] R. G. Guntara, "Pelatihan Sains Data Bagi Pelaku UMKM di Kota Tasikmalaya Menggunakan Google Colab," *Joong-Ki: Jurnal Pengabdian Masyarakat*, vol. 2, no. 2, pp. 245–251, Apr. 2023, doi: 10.56799/joongki.v2i2.1572.
- [38] A. Movsessian, "A New Approach for Peer-to-Peer Distributed Computation," *Computer Science*.
- [39] D. Khairianto and R. Firdaus, "Penerapan Hand Gesture Recognition Sebagai Media Kontrol Presentasi Aplikasi Powerpoint," *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 8, no. 2, Art. no. 2, Apr. 2024, doi: 10.36040/jati.v8i2.9167.
- [40] M. D. Anwar and I. A. Kautsar, "Arsitektur Perangkat Lunak Berbasis Layanan Mikro pada Sistem Manajemen Informasi Kantin," *Physical Sciences, Life Science and Engineering*, vol. 1, no. 2, pp. 13–13, Jan. 2024, doi: 10.47134/pslse.v1i2.196.
- [41] Kosim and R. Prihandi, "Sistem Rekomendasi Menu Minuman Dengan Metode Content – Based Filtering Berbasis Android Pada Muftada Kopi," *Journal of Computation Science and Artificial Intelligence (JCSAI)*, vol. 1, no. 1, Art. no. 1, Jan. 2024, doi: 10.58468/wmdffh82.
- [42] H. Yu et al., "Malaria Screener: a smartphone application for automated malaria screening," *BMC Infect Dis*, vol. 20, no. 1, Dec. 2020, doi: 10.1186/s12879-020-05453-1.
- [43] R. Noviana, "Pembuatan Aplikasi Penjualan Berbasis Web Monja Store Menggunakan Php Dan Mysql," *Jurnal Teknik dan Science*, vol. 1, no. 2, Art. no. 2, Jun. 2022, doi: 10.56127/jts.v1i2.128.

- [44] F. Ramadhani, I. P. Sari, and A. Satria, "Perancangan UI/UX Surat Keterangan Waris dalam Pengembalian Dana Haji Berbasis Web," *Blend Sains Jurnal Teknik*, vol. 2, no. 3, Art. no. 3, 2024, doi: 10.56211/blendsains.v2i3.306.
- [45] F. Purnama and T. Usagawa, "Using real-time online preprocessed mouse tracking for lower storage and transmission costs," *J Big Data*, vol. 7, no. 1, Dec. 2020, doi: 10.1186/s40537-020-00304-x.
- [46] L. H. A. Hadi and Sularno, "Perancangan Aplikasi Sistem Informasi Geografis Tempat Wisata Di Bukittinggi Berbasis Web," *Journal Of Informatics And Busisnes*, vol. 1, no. 4, Art. no. 4, Feb. 2024, Accessed: May 13, 2024. [Online]. Available: <https://jurnal.ittc.web.id/index.php/jibs/article/view/741>
- [47] C. J. Gómez-Sierra, "Design and development of a PWA - Progressive Web Application, to consult the diary and programming of a technological event," *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 1154, no. 1, p. 012047, Jun. 2021, doi: 10.1088/1757-899x/1154/1/012047.
- [48] M. N. Mornie *et al.*, "Visualisation of User Stories to UML use Case Diagram," *J. Adv. Res. Appl. Sci. Eng. Tech.*, vol. 63, no. 3, pp. 68–80, Jan. 2025, doi: 10.37934/araset.63.3.6880.
- [49] S. W. Ramdany, S. A. Kaidar, B. Aguchino, C. A. A. Putri, and R. Anggie, "Penerapan UML Class Diagram dalam Perancangan Sistem Informasi Perpustakaan Berbasis Web," 2024.
- [50] S. Mulyati, I. Kusyadi, M. I. Ashara, and P. A. Widodo, "Pengujian Black Box ada Aplikasi Hitung Nilai Mahasiswa Menggunakan Metode Equivalence Partitions," vol. 7, no. 1, 2022.
- [51] A. C. Praniffa, A. Syahri, F. Sandes, U. Fariha, and Q. A. Giansyah, "Pengujian Black Box Dan White Box Sistem Informasi Parkir Berbasis Web," vol. 1, 2023.
- [52] A. R. Apriliandra and I. Nuryasin, "Pengujian Blackbox pada Website Sistem Pemesanan Travel Online Gemilang Travel Berbasis Teknik Equivalence Partitions," *JTSIA*, vol. 7, no. 2, pp. 859–867, Apr. 2024, doi: 10.32493/jtsi.v7i2.39049.
- [53] P. G. Subhaktiyasa, "Menentukan Populasi dan Sampel: Pendekatan Metodologi Penelitian Kuantitatif dan Kualitatif," *JIPP*, vol. 9, no. 4, pp. 2721–2731, Nov. 2024, doi: 10.29303/jipp.v9i4.2657.
- [54] S. Noor, O. Tajik, and J. Golzar, "Simple Random Sampling," *IJELS*, vol. 1, no. 2, Dec. 2022, doi: 10.22034/ijels.2022.162982.
- [55] B. Antoro, "Analisis Penerapan Formula Slovin Dalam Penelitian Ilmiah: Kelebihan, Kelemahan, Dan Kesalahan Dalam Perspektif Statistik," *JMSH*, vol. 1, no. 2, pp. 53–63, Nov. 2024, doi: 10.70585/jmsh.v1i2.38.
- [56] "Factors Affecting Online Teaching and Learning Amidst Covid-19 in College of Science and Technology," *JEP*, Jul. 2022, doi: 10.7176/jep/13-20-03.
- [57] W. Wulandari, N. Nofiyani, and H. Hasugian, "USER ACCEPTANCE TESTING (UAT) PADA ELECTRONIC DATA PREPROCESSING GUNA

- MENGETAHUI KUALITAS SISTEM,” *IlmuKomputer*, vol. 4, no. 1, pp. 20–27, Mar. 2023, doi: 10.24127/ilmukomputer.v4i1.3383.
- [58] H. Thabibi, S. F. A. Wati, and T. P. Rinjeni, “Implementasi User Acceptance Testing (UAT) Pada Website E-Commerce UMKM BBhealthy,” *ATASI*, vol. 4, no. 1, pp. 19–26, Jun. 2025, doi: 10.30872/atasi.v4i1.2904.
- [59] M. A. Falahudin, F. Panduardi, and L. Hakim, “Analisis User Acceptance Testing Terhadap OLT Network Management System di PT. Semesta Multitekno Indonesia,” 2024.
- [60] A. D. Putro and A. Hermawan, “Pengaruh Cahaya dan Kualitas Citra dalam Klasifikasi Kematangan Pisang Cavendish Berdasarkan Ciri Warna Menggunakan Artificial Neural Network,” *MATRIK: Jurnal Manajemen, Teknik Informatika dan Rekayasa Komputer*, vol. 21, no. 1, pp. 215–228, 2021, Accessed: Jun. 04, 2025. [Online]. Available: <https://journal.universitasbumigora.ac.id/index.php/matrik/article/view/1396>