Kevin Widjaya

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ABOUT ME

Seventh-semester Informatics student at Universitas Bunda Mulia with a strong interest in Artificial Intelligence, Machine Learning, and Computer Vision. Proficient in Python with hands-on experience using PyTorch, scikit-learn, and OpenCV. Familiar with core computer vision tasks such as image classification, object detection, and basic segmentation through academic and personal projects. Motivated to apply AI/ML solutions to real-world problems, with strong problem-solving skills and the ability to work both independently and in team environments.

EDUCATION

Universitas Bunda Mulia, North Jakarta   Aug 2022 – Present

Undergraduate, Informatics

GPA 3.85 of 4.00
Relevant Subject: Artificial Intelligence, Computer Vision, Machine Learning

SMK Galajuara, Bekasi City   June 2019 – June 2022

Graduated, Computer and Network Engineering

Score 88.85 of 100
- Internship Grade: 82
- Competency Certification (PT Bakrie Pipe Industries): 90

PROJECTS

Real-Time SIBI Sign Language Recognition System   Jan 2024 – March 2024

Subject: Computer Vision
- Developed a computer vision model to recognize Indonesian Sign Language (SIBI) gestures using image and video data.
- Utilized MediaPipe for hand landmark detection and feature extraction from gesture images and live webcam streams.
- Implemented XGBoost as the classification algorithm to accurately classify SIBI hand gestures based on extracted features.
- Performed data preprocessing, and feature engineering to improve model performance.
- Trained and evaluated the model using Python, OpenCV, and scikit-learn, achieving up to 99% classification accuracy.
- Applied the system for real-time inference using webcam input to translate sign language into text output.

WORKING EXPERIENCE

Century 21, Bekasi City   Jan 2021 – March 2021

Admin Marketing / Internship
- Managed over 100 property advertisements across multiple online platforms according to client needs.
- Actively collaborated with the marketing and sales teams to align promotional strategies and ensure collective target achievement.
- Utilized Microsoft Excel to record and monitor daily task progress systematically, improving overall team efficiency

VOLUNTEER

Komisi Pemilihan Umum (KPU), Bekasi City   Feb 2024 – March 2024
Petugas Kelompok Penyelenggara Pemungutan Suara (KPPS)
- Responsible for organizing the voting process on election day, including preparation and accurate completion of assigned tasks.
- Ensured the election process ran smoothly, conducted vote counting with precision, and contributed to reporting results to relevant authorities in accordance with established procedures.
- Collaborated with fellow KPPS and PPS members in addressing findings or incidents that occurred during the voting process.

SKILLS, ACHIEVEMENTS & OTHER EXPERIENCE

- Language*:* Bahasa Indonesia (Native), English (Limited working proficiency).
- Soft Skills: Team Collaboration, Time Management, Adaptive Learning, Critical Thinking, Problem Solving
- Hard Skills: Computer Vision Development, Machine Learning Model Development
- Technologies Stack: Python, OpenCV, Scikit-learn, MediaPipe