DUTA KUKUH PRIBADI

+6282133656485 | dutakupri@gmail.com | https://www.linkedin.com/in/duta-kukuh-pribadi | https://github.com/olober76

Dusun Krantil, Desa Karangrejo RT 13/ RW 04, Kec. Kromengan

Known as Kukuh, a Computer Engineering Student at Brawijaya University. Experience has been gained in Computer Vision Research, Machine Learning Research, Robotics, Embedded Systems, IoT, and Cloud Engineering. Diligence, discipline, and curiosity about new experiences are integral parts of the personality, aligning with the drive to enhance self-potential in facing existing challenges.

Work Experiences

Robotiik Filkom UB - Malang   Jan 2024 - Present

Vice Chairman

ROBOTIIK is a Community research institute of the Faculty of Computer Science at Brawijaya University that conducts research and participates in competitions on robotics science

- Managing more than 120 staffs
- managing the big 4 projects as the organization's goal : Quadcopter Project, Fixed Wing Projects, Humanoid Robot Project and Vessel/Submarine Robot Project

Robotiik Filkom UB - Malang   Feb 2023 - Dec 2023

Staff of Vision Progamming

- Contributing to 2 Submarine/Vessel Robot Research: Autonomous Surface Vessel and Autonomous underwater Vehicles.
- Conducting research on computer vision using YoloV5, YoloV8, Pytorch, Tensorflow, keras, open-cv, and other machine learning models
- Making 10 Models for implementing in Autonomous Underwater Vehicle and Autonomous Surface Vessel
- Maintenance of more than 10000 Datasets for Autonomous Vehicle/ Underwater Vehicle for Computer Vision Research

Education Level

Universitas Brawijaya ✓ - Malang, East Java, Indonesia   Aug 2021 - Dec 2024 (Expected)

Undergraduate in Computer Engineering, 3.70/4.00

- Being part in Research Projects in Robotics and Embedded System Laboratory
- Head of Department of Science and Proffesional Development in Himpunan Mahasiswa Departemen Teknik Informatika UB
- Staff of Student Resources Development in Himpunan Mahasiswa Teknik Komputer
- Contributing to 3 projects Embedded Systems and IoT: Egg incubator using Arduino UNO, Educational Ornamental plant Products Using ESP32 and Smart IoT for monitoring hydroponic plants integrated with android apps

Organisational Experience

Himpunan Mahasiswa Departemen Teknik Informatika - Malang   Feb 2023 - Jan 2024

Head of Department of Science and Proffesional Development

Himpunan Mahasiswa Departemen Teknik Informatika, also known as HMDTIF, is a non-profit organization that serves as a platform for students in the Departemen Teknik Informatika.

- Create 6 work programs that are in line with the department's mission
- Act as supervisor of each work program. Responsible for 6 department members who carry out each department work program

Himpunan Mahasiswa Teknik Komputer Universitas Brawijaya   Feb 2022 - Dec 2022

Staff of Student Resources Development

- Supervising for 6 members of Staff Muda HIMATEKKOM from September 2022 to November 2022
- Participated in creating 6 content on HIMATEKKOM social media accounts
- Becoming part of developing the quality and character of 150+ Students of the computer engineering study program

Additional

- **Hard Skills**: YoloV8, YoloV5, Tensorflow,Keras, Pyhon, Jupyter, C++, Embedded System, OpenCv, Pytorch,Linux, Kubernetes, Docker,Ansible
- **Soft Skills**: Teamwork, Leadership, Team Building
- **Projects**: Participate in a technical support member of the UB Contingent in the Autonomous Tourism Surface Vessel contest, Participate in a technical support member of the UB Contingent in the Indonesian Underwater Robot Contest, developing an independent project in the form of implementing Keras machine learning in detecting facial emotions through the OpenCV library