

Agung Wicaksono

Web Developer

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Work and Project Experiences

"Dashboard Pemantauan Laporan Hasil Pengawasan dan Tindak Lanjut"

August - September 2021

Back-End Web Developer - Project

- Created a web-based LHP and TL monitoring dashboard using Laravel for "Aktualisasi Latsar CPNS 2021 Badan Pengawasan Keuangan dan Pembangunan" activities

PakaiMasker - Automated Personal Face Mask Detection, Monitoring & Reports

May - June 2021

Machine Learning Developer - Project

- Create an image classification model using Python and Tensorflow with the CNN method that will be used by the android application to detect someone wearing a mask or not. From that model I got 98% accuracy validation and 14% loss validation

Biomedical Engineering Department ITS

July 2020 - January 2021

Web Developer - Internship

- Create a website using CodeIgniter 3 to connect participants and IoT-based basic physics practicum tools
- Manage data communication between websites and IoT-based basic physics practicum tools using the TCP protocol via Node-red

Skills

- **Web Development** - 2+ years of experience making websites using Laravel. I recently learned to create a website using full-stack Javascript (MERN)
- **Machine Learning**
 - 1-year of experience creating machine learning models using CNN or Mask R-CNN with Python and Tensorflow.
 - Google Bangkit Academy 2021 Graduate in Machine Learning Path with several certifications such as DeepLearning AI TensorFlow Developer, Google IT Automation with Python, Google IT Support, and Mathematics for Machine Learning Specialization.
- **Software Development** - have some experience in C (for microcontroller programming), C++ and Golang

Education

Institut Teknologi Sepuluh Nopember

Surabaya, Indonesia

Bachelor of Engineering, Major in Computer Engineering

- Cumulative GPA: 3.28/4.00
- 1st place Smart Device Category Hology 3.0 Brawijaya University 2020
- Laboratory Assistant Member of B401 Multimedia Computation Lab
- Face Shield Assembly Volunteer at ITS