



Gigih Kusuma Wicaksana

Personal

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Date of birth	18-07-2001
Place of birth	Banyuwangi
Gender	Male
Nationality	Indonesia
Marital status	Belum kawin
LinkedIn	Gigih Kusuma

Resume objective

final year student majoring in electrical engineering with a concentration in electronics and control is preparing a final project. has expertise in operating several PLC brands such as Omron and Siemens as well as several microcontrollers such as the AVR and STM32 family of microcontrollers. have made several IoT and AIoT projects

Education and Qualifications

Bachelor of Engineering Aug 2019 - Dec 2022

Jember University, Jember

focus majoring in electronics and control system

- Member of Robotics Team on 2019
- Elected to chairman of the committee for artificial intelligence (AI) training in 2021
- GPA : 3.57

Work experience

Internship Student Feb 2022 - Mar 2022

PT.PLN (Persero) ULP Muncar, Muncar, Banyuwangi

- Learn about feeder protection system
- learn about electrical distribution system
- design and simulate feeder protection system
- learn about electronics and control system on feeder protection system specially Recloser protection system

Arduino Training Instructor May 2021 - Aug 2021

physics student association Jember University, Jember

Skills

PLC (Omron , Siemens)

Expert

Mikrokontroler (AVR Family, STM32)

Expert

HMI (CX-Designer, Advanced HMI)

Expert

IoT

Experienced

Programing (C++, C, VHDL, Python, HTML)

Expert

PCB Design (Eagle PCB, Express PCB, Prgoteus) (C+

Expert

Courses

Machine Learning & Deep Learnign For Agroindustry

Aug 2021 - Sep 2021

Jmeber University, Ministry of Education and Culture

The training discusses about implementation of Machine Learning and Deep Learning in agro-industry, create Machine Learning and Deep Learning models that can solve problems in the field of agro-industry

Data Science

Jul 2021 - Feb 2022

DQ Lab

training on data science to making machine learning models in data processing using C, R, and Python programing

Short Sircuit And Protection Relay Coordination

Dec 2021 - Dec 2021

PSSL Laboratory Institute Teknologi Sepuluh Nopember

perform short circuit analysis on high voltage transmission, design and perform setting Overcurrent Transformer, Relay, and Circuit Breaker (CB) as a protection system on high voltage transmission using ETAP software

Load Flow Analysy

Dec 2021 - Dec 2021

PSSL Laboratory Institute Teknologi Sepuluh Nopember

perform power flow analysis on the transmission network, mitigate under voltage over voltage and improve power factor using ETAP simulation.

Achievements

• **Runner up IAYSF Scientific Project , Iran 2021**

"ARM-Band PyDi: Wearable Intelligent Technology System for Physical Distancing during COVID-19 Pandemic"

• **2nd place in the LIDM Education Technology Innovation Division. Center for National Achievement, Ministry of Education, Culture, Research and Technology 2021**

" SERVERKITA : INOVASI MINI SERVER SET TOP BOX MODIFIKASI SEBAGAI IMPLEMENTASI E-LEARNING MANAGEMENT SYSTEM BERBASIS MOODLE YANG TERJANGKAU DAN RELIABEL "

• **Runner Up LKTIN IMATETANI 2020**

Organization

- chairman of the committee for artificial intellegence (AI) training in 2021
- member of education and research divison Electronics comunity on 2021

- member of UNEJ Robotics Team 2019

Project

- community service program Jember University LMS Server Design and Installation with Set Top Box
- IsDB research Artificial Intelligence of Things (AIoT) based COVID-19 detector

Languages

Indonesian

Native

English

Intermediate