Contact

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Top Skills

Earth Science

Generative AI

Large Language Models (LLM)

Certifications

R Fundamental for Data Science

Troubleshooting and Debugging Techniques

DeepLearning.AI TensorFlow Developer Specialization

Crash Course on Python

Introduction to Git and GitHub

Muhammad Fauzan Ariyatmoko

Undergraduate Student at Sepuluh Nopember Institute Of Technology, Departement Of Physics | Graduated ML Student Of Bangkit Academy 2024 | Machine Learning and AI Engineer Enthusiast.
Kota Bogor, West Java, Indonesia

Summary

Hello! I am undergraduate student in Department of Physics, Sepuluh Nopember Institute Of Technology, Surabaya. I'm attracted to teach fundamental physics, team working, and seek out new challenges. Currently studying fundamental programming language (Pyhton, HTML, CSS, MATLAB) and electrical instrumentation physics.

I am also prepare skills besides academic, I am very reliable in using LaTex as a tool in the creation of documents. Skilled in Python for Basic Data Science, SQL, and MATLAB. Interested to explore artificial intelligent, data analytics, data science, deep learning, computer vision, and some related things. Also I am interested in electronic IoT project, in their application as instrumentation tools.

For more information, feel free for contact me at fauzan.ariyatmoko@gmail.com

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Experience

Electronic Instrumentation Physics Laboratory ITS
Vice Captain Research and Development Division
January 2023 - Present (1 year 11 months)
Institut Teknologi Sepuluh Nopember

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka
Machine Learning Cohort
February 2024 - July 2024 (6 months)
Jakarta Raya, Indonesia

Bangkit academy is an independent study program held by the Kampus Merdeka designed by Google, GoTo, and Traveloka that prepares students with in-demand skills and tech certifications to produce high-caliber technical talent for world-class Indonesian technology companies and startups.

In this Machine Learning Path, learns the key concepts and applications of AI to solve a wide range of Machine Learning problems with these specializations:
• Google IT Automation with Python
• Google Data Analytics
• Math for Machine Learning
• Machine Learning Specialization
• DeepLearning.AI TensorFlow Developer Professional Certificate
• DeepLearning.AI TensorFlow Data and Deployment
• TensorFlow Certification Preparation

Himpunan Mahasiswa Fisika ITS
External Relations Staff
March 2023 - March 2024 (1 year 1 month)
Departemen Fisika Fakultas Sains ITS, Keputih, Sukolilo, Surabaya, East Java 60117

Badan Riset dan Inovasi Nasional RI (BRIN RI)
Research Cooperation : Quantum Computation Of Thermoelectric Material
January 2024 - February 2024 (2 months)
Serpong, Banten, Indonesia

Institut Teknologi Sepuluh Nopember (ITS)
Fundamental Magnetic Electricity Physics Laboratory Assistant
January 2023 - May 2023 (5 months)
Departemen Fisika Fakultas Sains ITS, Keputih, Sukolilo, Surabaya, East Java 60117

Jobdesc while working as a magnetic electricity physics laboratory assistant on Sepuluh Nopember Institute Of Technology:

- Guiding new students to carry out magnetic electricity physics experiment

- Assess and test the final results of the magnetic electricity physics experiment exam

Institut Teknologi Sepuluh Nopember (ITS)
Fundamental Physics Laboratory Assistant
October 2022 - November 2022 (2 months)
Departemen Fisika Fakultas Sains ITS, Keputih, Sukolilo, Surabaya, East Java 60117

Job desk while working as a fundamental physics laboratory assistant on Sepuluh Nopember Institute Of Technology:

- Guiding new students to carry out fundamental physics experiment

- Assess and test the final results of the fundamental physics experiment exam

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Education

Institut Teknologi Sepuluh Nopember (ITS)
Undergraduate Student, Physics · (January 2021 - September 2025)

SMAN 4 BOGOR
High School, Science · (April 2018 - June 2021)