



Saepulloh

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Summary

As a fifth-semester Computer Engineering student with proficiency in various programming languages and adept at utilizing collaborative tools, I possess a keen interest in data and analysis. Having actively participated in the Bangkit Academy Batch 2 program as a Machine Learning cohort, I am equipped with a strong foundation in machine learning techniques and data manipulation. Eager to apply my skills and knowledge, I am seeking opportunities in positions related to data analysis, data science, or IT support, where I can contribute my analytical abilities and passion for leveraging data to drive informed decision-making and technological advancements.

Skills & Competencies

Skill (program/software) :

- Ms. Office
- Python
- Machine Learning
- Data Science
- Data Visualization
- Git/Github
- Kaggle
- Proteus
- Tableau
- Power BI
- MySQL
- Graphic Design (Adobe Photoshop, CorelDRAW, Adobe Flash, Adobe XD)
- Web Programming (HTML & CSS with Framework)
- Video Editing
- Simple IoT Programming (InfluxDB, Grafana)

Experiences

- **Bangkit Academy 2023 By Google, GoTo, Traveloka – Machine Learning Learning Path**

August 2023 – December 2023

- Individual learning and team-based final projects: In individual learning, each participant will attend classes asynchronously (online through learning modules on Dicoding Academy and Coursera), where

participants can consult with experts related to the material they are studying through discussion forums.

- **Graphic design for CNC machines**

June 2022 – August 2023

- Creating various decorative patterns using CorelDRAW, which are then converted into machine language (G-Code) for cutting purposes.

- **Teaching Assistant at SMKS 2 Kosgoro**

September 2022 – December 2022

- Assisting in teaching graphic design, video editing, and presentation techniques.

Education

Bachelor of Science in Computer Science, GPA 3.89

Politeknik Pertanian Negeri Payakumbuh, Sumatera Barat

September 2021 – September 2025

- Relevant Courses: IoT, Embedded System, Programming, Artificial Intelligent, Web Development, Technopreneurship

High School

SMA Negeri 1 Banjaran, Jawa Barat

June 2017 – June 2020

- School Newspaper Extracurricular as Editor-in-Chief, 2019 - 2020

Certificates

Courses	<ul style="list-style-type: none"> ○ Machine Learning Specialization (Coursera) ○ Mathematics for Machine Learning and Data Science Specialization (Coursera) ○ Crash course on Python (Dicoding) ○ Using Python to Interact with OS (Dicoding) ○ Intro to Git and GitHub (Dicoding)
Competition	<ul style="list-style-type: none"> ○ Top 20 Finalist of the National KMIPN (Informatics Competition) 2023 ○ 3rd Winner of the PILMAPRES (Student Achievement Award) in LLDIKTI Region 10 2023 ○ 1st Winner of the PILMAPRES (Student Achievement Award) at Payakumbuh State Polytechnic 2023 ○ 2nd Winner of the Applied Engineering Competition at Payakumbuh State Polytechnic 2022 ○ 2nd Runner-up of the PILMAPRES (Student Achievement Award) at Payakumbuh State Polytechnic 2022 ○ 3rd Winner of the National AITEC (Agriculture Innovation Technology Competition) 2022 ○ Top 15 Finalist of the National KMIPN (Informatics Competition) 2022

	<ul style="list-style-type: none"> ○ 3rd Winner of the National Business Plan Competition Universitas Jambi 2022
Award	<ul style="list-style-type: none"> ○ Best Spirit KMIPN IoT field 2023

Projects

- **Prototype of RE-Saikul application**
 - Developing a web-based waste recycling application prototype integrated with machine learning.
- **IoT-based Simplisia Monitoring**
 - Creating a dehumidifier device for drying Simplisia plants based on IoT using Arduino, actuator devices, Grafana, and InfluxDB.
- **Batik Dataset Analysis**
 - Conducting analysis on batik export datasets, from data collection to data exploration.
- **Predictive Analysis of Palm Oil Production**
 - Analyzing palm oil production data to generate sustainable production predictions

Organizational experience held (in the last 3 years)	:	<ol style="list-style-type: none"> Himateta (Agricultural Technology Student Association) 2022 - 2023 <ul style="list-style-type: none"> ○ Served as P3 (Research, Education, and Development) staff, contributing to various scientific programs. Imatetani (Indonesian Agricultural Engineering Student Association) 2022 - 2023 <ul style="list-style-type: none"> ○ Worked as a Public Relations staff, assisting in disseminating pertinent information within the organization.
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References

Name	:	Hendra S.Kom., M.Kom
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Name	:	Trinovita Zuhara Jingga, S.Kom., M.Kom
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