MIRWAN

IT STAFF

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Profile

A highly motivated and detail-oriented programmer with a solid academic background in Informatics Engineering. Experienced in freelance projects and informal vendor services, with a focus on developing efficient and scalable solutions through technology-driven approaches. With a strong passion for problem-solving and innovation, I am committed to contributing to the success of organizations by delivering effective, technology-driven solutions.

Education

Universitas Narotama, Surabaya
Bachelor of Informatics Engineering
2014 – 2018
GPA : 3.35

Work Experience

Freelance Programmer
Self-Employed 2015– Present

- Conducted business process analysis to identify and resolve operational inefficiencies.
- Created and executed AI and search engine scripts to enhance research and automation capabilities.
- Supported technical aspects of project management and data organization.
- Assisted in research and development of tools to streamline service delivery.

Skills and Qualifications

Programming | Creating a CRUD-based operation system, implementing various algorithms for system needs, understanding OOP concepts, debugging and implementing in various programming languages.

AI Prompt Scripting & Automation | Creating effective commands for AI models as well as developing automated systems to increase efficiency and reduce manual work in various business processes.
Database Management | Design, maintenance, and management of data storage systems
Business Process Analysis | Analyze and improve business process efficiency using data and systems and be able to map workflows and provide strategic recommendations for operational optimization.
Problem-Solving | Capable of identifying challenges and providing creative technical solutions.

CERTIFICATE

January 2020 | Python for Data Science: Fundamentals
January 2020 | Python For Data Science: Intermediate
November 2020 | Purwadhika : Data Science

RESEARCH PUBLICATIONS

R. Hidayatillah, M. Mirwan, M. Hakam, and A. Nugroho, "Levels of Political Participation Based on Naive Bayes Classifier," IJCCS (Indonesian J. Comput. Cybern. Syst., vol. 13, no. 1, p. 73, 2019. January 2020
Mirwan, A. Nugroho, F. Hendrata, R. Hidayatillah, F. Hassan, and K. P. Nana, "VIRTUAL ASSISTANT USING LSTM," in 2018 International Seminar on Research of Information Technology and Intelligent Systems (ISRITI), 2018, DOI: 10.1109/ISRITI.2018.8864448 , Publisher: IEEE

PROJECT EXPERIENCE

Building a dashboard application using Python and Flask which is used to predict the price of used cars in early 2020 using a used car dataset taken from atapdata.ai. This project has many steps including Exploratory Data Analysist (EDA), visualization, data training, and dashboard creation. The aim of this project is as a prerequisite for graduation from the data science program at Purwadhika Coding School