# 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**
Self-Employed 2020– 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