



RAJA REIVAN

AI Engineer

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Summary

A final-year student with two years of experience in machine learning and data science. Proficient in Python, various machine learning algorithms, deep learning architectures, exploratory data analysis, and frameworks like TensorFlow, PyTorch, and Scikit-Learn. Skilled in computer vision, natural language processing, and generative AI. Eager to gain practical experience and learn from industry professionals, I am excited to contribute to real-world projects while expanding my understanding of the field.

Experience

PT Salam Pacific Indonesia Lines
Artificial Intelligence Engineer Intern
Jakarta, Indonesia
07/2024 - Present

Container Shipping Company

- Developed a chatbot using open-source Llama 3.1 Large Language Model and RAG methods to automate the analysis of Material Safety Datasheets.
- Developed a machine learning model using an ensemble method to predict total container per customer, achieving an R-squared score above 80% and optimizing resource allocation.
- Collaborated with stakeholders to align on business processes, objectives, and technical requirements.

PT Universe Solusi Digital
Machine Learning Engineer Intern
Jakarta, Indonesia
07/2023 - 01/2024

Software Company

- Developed an image classification model that accurately identifies KTP, NPWP, and KIS cards with accuracy, recall, and precision metrics above 90%.
- Subsequently, leveraged an OCR model to extract critical text fields from these card images, significantly improving document processing efficiency and reducing manual entry errors.
- Participated in ETL project by converting SQL Server scripts from an on-premise server to PostgreSQL in AWS Redshift, ensuring a seamless transfer of data to the AWS platform, improving system scalability and reducing infrastructure costs.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka
Machine Learning Student
Jakarta, Indonesia
02/2023 - 07/2023

Machine Learning Bootcamp

- Gained proficiency in machine learning, deep learning, data analytics, computer programming through diverse Coursera courses, allowing for the development of sophisticated and effective Machine Learning application.
- Attended comprehensive soft skills and English language classes at Bangkit Academy, resulting in improved communication, collaboration, and professional skills.
- Collaborated on a capstone project, implementing the acquired skills and knowledge.

Training / Courses

Building Generative AI-Powered Applications with Python (2024): IBM

Machine Learning Specialization (2023) : DeepLearning.AI & Stanford University

Mathematics for Machine Learning (2023) : Imperial College London

DeepLearning.AI TensorFlow Developer (2023) : DeepLearning.AI

Artificial Intelligence for GenZ (2022) : Studi Independen Kampus Merdeka

Education

Muhammadiyah Prof. Dr. Hamka University

Economics - 3,69/4.00 – DKI Jakarta

08/2020 - Present

- Delegated to Krabi Province, Thailand, as an English and Quran tadarus teacher, enhancing students' language skills and cross-cultural understanding.
- Participated in a study visit to a Malaysian university, gaining insights into international educational practices
- Organized entrepreneurship seminars at Jakarta high schools, inspiring students to start their own businesses.
- Completed the Kampus Merdeka program twice, gaining advanced knowledge and practical skills.

Skills

Python • Machine Learning • Artificial Intelligence • Data Science • Deep Learning • Generative AI • Natural Language Processing • Computer Vision • Tensorflow • Pytorch • Scikit-Learn • Langchain • Statistics • Linear Algebra • RESTful API (Flask) • Calculus • Exploratory Data Analysis • SQL • Large Language Model (LLM) • Retrieval Augmented Generation (RAG)

Languages

ENGLISH Proficient ●●●●●

INDONESIA Native ●●●●●