



M Dicky Desriansyah

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Driven by a strong interest in the fields of technology and business, particularly programming, machine learning, and business strategy, I am committed to continuously learning and deepening my expertise in these areas, with a specific focus on programming and business. A key academic decision was pursuing a Bachelor's degree in Information Systems at Universitas Dharma Andalas. Currently, I am in my seventh semester, having achieved a GPA of 3.87 up to the sixth semester, and I possess a strong interest and competence in Machine Learning and Artificial Intelligence. My fascination with machine learning technology motivated me to participate in the prestigious development program, the Bangkit Academy, supported by Google, Gojek, Tokopedia, and Traveloka. During the final project of this program, I was part of the development team for "HOFE (Hoax Detection For Everyone)", a hoax detection system based on a Recurrent Neural Network (RNN) that successfully achieved an accuracy of 98%. This project honed my skills in applying Natural Language Processing and Deep Learning to real-world problems, while also enhancing my team collaboration and effective problem-solving abilities. Beyond academic activities, I was also entrusted as a teaching assistant for the Object-Oriented Programming 2 course and have held various organizational positions, including Infocom Coordinator for GIS BEI on campus and Head of the Youth Red Cross during high school. To solidify my technical foundation, I have completed several certifications from Coursera, Google, DeepLearning.AI, and Dicoding in topics such as TensorFlow, MLOps, Generative Adversarial Networks (GANs), and Mathematics for Machine Learning. I am enthusiastic about exploring new challenges, keen on learning the latest technologies, and committed to building data-driven solutions that have a positive impact on society.

PROFESSIONAL EXPERIENCE

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

September 2024 – December 2024

PT Dicoding Akademi Indonesia

- Developed HOFE (Hoax Detection For Everyone), a Capstone project that utilized a Recurrent Neural Network (RNN) Machine Learning model to effectively detect hoaxes.
- Achieved 98% accuracy in hoax detection, demonstrating the model's high effectiveness in classifying information with minimal error.
- Completed the project with a team evaluation score of 93 and an individual score of 96.1, reflecting strong mastery of the subject matter and successful model implementation.
- Graduated with the title Distinction Graduate, based on overall performance and evaluation results.

EDUCATION

S1 Sistem Informasi

September 2022 – Sekarang

Universitas Dharma Andalas

- Achieved a GPA of 3.87 / 4.00 as of the 6th semester.
- Appointed as a Teaching Assistant for the Object-Oriented Programming 2 course during the 2024/2025 academic year (odd semester).

ORGANIZATIONS

President of the Youth Red Cross – MAN 1 INHIL

2020-2021

Vice Head of IT Division – MAN 1 INHIL

2021-2022

Coordinator of Information and Communication (Infocom), GIS BEI – Universitas Dharma Andalas

2023

CERTIFICATIONS

Database Design – Oracle Academy

2023

Bangkit Academy Machine Learning - PT Dicoding Akademi Indonesia

2024

Deep Learning - Coursera and DeepLearning.AI

2024

Machine Learning - Coursera and DeepLearning.AI

2024

Natural Language Processing - Coursera and DeepLearning.AI

2024

TensorFlow: Data and Deployment - Coursera and DeepLearning.AI

2024

DeepLearning.AI Tensorflow Developer - Coursera and DeepLearning.AI

2024

Tensorflow: Advance Techniques - Coursera and DeepLearning.AI

2024

Generative Adversarial Networks (GANs) Specialization - Coursera and DeepLearning.AI

2024

Mathematics for Machine Learning and Data Science - Coursera and DeepLearning.AI

2024

Using Python to Interact with the Operating System - Coursera and Google

2024

Crash Course on Python - Coursera and Google

2024

Machine Learning Operations (MLOps) - PT Dicoding Akademi Indonesia

2025

Machine Learning Terapan - PT Dicoding Akademi Indonesia

2025

SKILLS

Hard Skills

Machine Learning (Supervised, Unsupervised, and Reinforcement Learning), Deep Learning (Neural Networks, CNN, RNN, LSTM), Natural Language Processing (Text Classification, Sentiment Analysis, Information Extraction), TensorFlow (Model Deployment, Optimization, and Advanced Techniques), Generative Adversarial Networks (GANs) for synthetic data and image generation, Mathematics for Machine Learning (Linear Algebra, Calculus, Probability, and Statistics), Python Programming for Data Science, Machine Learning, and Automation, Data Mining and Feature Engineering, Database Design and Management (MySQL, PostgreSQL), Web Development (HTML, CSS, JavaScript, and frameworks), Mobile Application Development (Android), Software Testing and Implementation, Operating Systems and Scripting with Python. Python Programming for Data Science and Machine Learning, Operating Systems and Automation with Python.

Soft Skills

Strong problem-solving and critical thinking, analytical reasoning for data-driven decisions, effective time management and teamwork in collaborative environments, clear communication in technical and non-technical contexts, leadership in academic and organizational settings, creativity in building solutions, adaptability to emerging technologies, and self-directed learning.

Bahasa Indonesia

Native

Bahasa Inggris

Adequate for functional communication