

YUSUP HIDAYAT WINATA

ML Engineer

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<https://www.linkedin.com/in/yusup-winata> | [Portfolio](#)

PROFESSIONAL SUMMARY

A passionate Machine Learning Engineer with more than 2 years of experience in AI and ML development, mentorship, and program management. Skilled in building and deploying AI models, conducting research, and developing user-friendly applications. Proficient in various ML techniques, including classification, regression, clustering, NLP, and Computer Vision, with a strong foundation in Deep Learning and Python. Committed to continuous learning and leveraging AI to solve real-world problems.

EXPERIENCES

iOS Developer & ML Engineer Intern, Apple Developer Academy (Mar 2024 - Dec 2024)

- Conducted research, including interviews, surveys, and literature reviews, to identify user needs and pain points that can be addressed through iOS applications.
- Designed and evaluate UI/UX by conducting tests, such as A/B testing and User Testing, and developed UI/UX using Xcode, following research insights, design principles, and the MVVM architecture pattern
- Built and evaluated Machine Learning models for iOS application, covering data collection, data processing, model training, and model evaluation using Python, TensorFlow, Keras, Scikit-Learn, and CreateML, while collaborating with teammates on development, progress reporting, and application enhancement based on user feedback.

Academic Coordinator & AI Mentor, Orbit Future Academy (Jul 2021 - Feb 2024)

- Led and managed Orbit Artificial Intelligence and Machine Learning training programs at Kampus Merdeka, including Orbit Kampus - AI 4 Jobs and AI 4 Gen-Z Jobseekers.
- Coordinated with Kampus Merdeka and campus stakeholders, providing regular updates on the status of active programs, and evaluated and improved the quality of AI training programs based on student feedback and observational results.
- Developed, evaluated, and updated educational content for AI programs covering Python, data processing, Machine Learning, Deep Learning, Data Science, NLP, Computer Vision, and model deployment using Streamlit and Flask. Delivered AI and ML materials and guided learners through their final projects.

EDUCATIONS

Bachelor Degree, Informatics Engineering

University of Muhammadiyah Jakarta, GPA 3.86 / 4.00

2020

SKILLS

Artificial Intelligence, Machine Learning (classification, regression, clustering), Deep Learning, Data Science, Natural Language Processing (NLP), Computer Vision, Data Processing (cleansing, preparation, and manipulation), Data Visualization, Model Training, Model Evaluation, Model Deployment, Research, Teaching and Mentoring, Educational Content Development, Collaboration.

TOOLS

Python, Anaconda, Google Colab, Tableau, TensorFlow, Keras, PyTorch, Scikit-Learn, Streamlit, Flask, PythonAnywhere.

PROJECTS

FIMO Kids [\[link\]](#)

2024

Designed an iPad app using Computer Vision and NLP to develop children's fine motor skills. Responsible for data collection, processing, model training, and evaluation, achieving high accuracy in task recognition.

AI & ML Training Programs

2021 - 2024

Led and managed AI/ML training programs for Indonesian students through Orbit Future Academy, focusing on industry-relevant skills and real-world applications. These include [Orbit Kampus - Artificial Intelligence 4 Jobs](#) and [AI 4 Gen-Z Jobseekers](#).

Student Attendance Generator [\[link\]](#)

2023

Developed a web app using NLP to automate Zoom attendance tracking, significantly reducing the time spent on manual record-keeping.

AI & ML Apps for Educational Purposes

2022

Developed web applications integrating AI, such as the Ingfoln app, including: [Ingfoln app](#), [Kampus Merdeka AI Chatbot](#), and [Employee Resignation Prediction App](#).

RECOGNITIONS/AWARDS

- AWS Academy Graduate - AWS Academy Machine Learning Foundations [\[link\]](#) 2024
- AWS Certified Cloud Practitioner [\[link\]](#) 2023
- Employee of the Year - Outstanding Orbitian of The Year [\[link\]](#) 2022
- Test of English as a Foreign Language (TOEFL) [\[link\]](#) 2022
- Employee of the Year - Outstanding Orbitian of The Year [\[link\]](#) 2021
- Technology Literacy for Educators - 21st Century Learning Design [\[link\]](#) 2021
- Dicoding - Learn Machine Learning Development [\[link\]](#) 2021
- Dicoding - Learn Machine Learning for Beginners [\[link\]](#) 2021
- Dicoding - Getting Started Programming with Python [\[link\]](#) 2021
- Dicoding - Learn Basic Data Visualization [\[link\]](#) 2021
- Faculty of Engineering of University of Muhammadiyah Jakarta 3rd Best Graduate [\[link\]](#) 2020