YOSRIKO RAHMAT KARONI SABELEKAKE

Yogyakarta, DI Yogyakarta • yorikosabelekake@gmail.com • +6282167510334 • linkedin.com/in/yosriko-sabelekake •
https://bit.ly/YsPortofolio

SUMMARY PROFILE

I am a Certified TensorFlow Developer and a fourth-year Informatics student focusing on Artificial Intelligence and Data Science. Skilled in developing machine learning models and data analytics solutions, I have worked on various AI projects, including natural language processing, image classification, face recognition, and IoT applications. This experience has made me adaptable and capable of collaborating with interdisciplinary teams to achieve innovative solutions. I am currently seeking higher opportunities in the tech industry through entry-level internship programs.

EDUCATION

UNIVERSITAS KRISTEN DUTA WACANA   Yogyakarta, Special Region of Yogyakarta
Informatics | CGPA: 3.47/4.00   August 2021 - present
Faculty of Information Technology
- Relevant Courses: Statistics, Artificial Intelligence, Machine Learning, Deep Learning, Discrete Mathematics
- Academic Projects: "Semantic Search for Academic Document using Bidirectional Encoder Representation from Transformers", "DummyMarket Performance Analysis".

MICRO DEGREE PROGRAM   Manila, Metropolitan Manila
Python for Basic Data Science   July - August 2024
Organized by Association of Christian Universities and Colleges in Asia
- Relevant Courses: Numpy, Accessing data using Python, Data Cleaning, Machine Learning for Forecasting, Build Machine Learning model using scikit-learn
- Projects: Linear Regression Model (Predicting petal length based on sepal length), Logistic Regression Model (Predicting tumor malignancy based on size), Random Forest Classifier Model (Classifying iris species), Support Vector Machine (SVM) Classifier Model (Classifying iris species), K-Means Clustering Model (Clustering study hours and scores)

BANGKIT ACADEMY 2023 BATCH 2   Bandung, West Java
Machine Learning | GPA: 90.56/100.00   August - December 2023
Organized by Dicoding
- Instructor-led training, project-based learning, and self-learning in Coursera with various specializations such as Mathematics for Machine Learning and Data Science, DeepLearning.AI TensorFlow Developer, Machine Learning, Google Data Analytics, TensorFlow: Data and Deployment.
- Final project: Developing an educational and cultural application named Kultura, with image classification using TensorFlow as the main feature.

WORK EXPERIENCE

Engineering Team (Braincore.id) - Remote   October 2024
Machine Learning Engineer Intern
- Developed OCR model to read plate number using TrOCR and EasyOCR, in result 90% test accuracy
- Integrate Object Detection model to detect plate number with OCR model
- Deployed best model from benchmark result using Flask

Google Career Certificates (Google, Telkom) - Remote   June 2024
GCC x Telkom 2024 is a scholarship training program from Telkom in collaboration with Google and Dicoding to provide free access to Google Career Certificates (GCC) learning for Telkom employees.
Advanced Data Analytics Facilitator
- Answering participant questions regarding material and technical issues on the Coursera platform to complete the provided course with a total of 270 hours of study.
- Developed a participant dashboard that monitor all progress of all participant, this dashboard push the completion rate to 80% from 101 enrolled participant
- Completed Advanced Data Analytics course in coursera platform and finished capstone project

The Arcade (Google Cloud) - Remote   May 2024
Arcade Facilitator is a coding scholarship program from Google Cloud with a gamification concept to increase or improve the skills of digital talents in the fields of cloud computing, application development, big data & artificial intelligence/machine learning.
Facilitator
- Motivate more than 100 participants to finish challenges and courses primarily using WhatsApp, Google Meet, and Gmail.
- Learning AI and Cloud courses in the Google Cloud Skill Boost platform.

Assistant Lecturer (Universitas Kristen Duta Wacana) - Yogyakarta, Special Region of Yogyakarta   January 2024
Object-Oriented Software Engineering
- Assisted two classes, totaling 76 students, in learning Object-Oriented Software Engineering material.
- Reviewed, revised, and provided feedback on student assignments, exams, and final projects.

Multi-factor Authentication (Research Assistant) - Yogyakarta, Special Region of Yogyakarta   November 2023
Develop a student attendant system that uses QR Codes, Geolocation, and Face Authentication. The project primarily utilized Kotlin for Android development, TensorFlow for Machine Learning models, and Vue.js for the website framework.
Scrum Master and AI Engineer
● Assisted with sprint planning meetings by providing estimation and creating sub-tasks using Github Project.
● Improved an image preprocessing function to prevent spoofing, blurriness, and oversaturated brightness using Laplacian and Deep Tree Learning.
● Developed and deployed a model on an Android Application to detect and recognize faces using the MobileFaceNet model and Cosine Similarity.

Assistant Lecturer (Universitas Kristen Duta Wacana) - Yogyakarta, Special Region of Yogyakarta   August 2023
Database System
● Assisted 40 students in learning Database System material.
● Reviewed, revised, and provided feedback on student assignments and exams.

VOLUNTEER EXPERIENCE
International Service Learning - Yogyakarta, Special Region of Yogyakarta   July 2024
Science, Technology, Engineering, and Mathematics
● Designed and implemented interactive machine learning and AI lessons for elementary students using Scratch and Teachable Machine, fostering foundational understanding of these technologies with Hong Kong Polytechnic University students

CERTIFICATION
Machine Learning Terapan, *Dicoding* - October 2024
Belajar Pengembangan Machine Learning, *Dicoding* - October 2024
Google Advanced Data Analytics Professional Certificate, *Coursera* - June 2024
TensorFlow Developer Certificate, *Google* - March 2024
TensorFlow: Data and Deployment Specialization, *Coursera* - November 2023
Machine Learning Specialization, *Coursera* - October 2023
Mathematics for Machine Learning and Data Science Specialization, *Coursera* - September 2023

SKILLS
Hard Skills: Machine Learning, TensorFlow, Scikit-learn, Python, SQL, Statistics, Mathematics
Soft Skills: Problem-Solving, Analytical Thinking, Critical Thinking, Interpersonal Communication, Team Work
Language: Indonesian (Native), English USA (Intermediate)
Interest: Data Science, AI/ML Engineer, Data Analytics