

Kiara Azzahra

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Informatics student with expertise in Machine Learning and Data Analytics. Experienced in programming, data preprocessing, and team collaboration to deliver impactful projects.

EDUCATION

Informatics 2021 - 2025 (Expected)
University of Muhammadiyah Malang, Malang

Math and Science 2018 - 2021
International Islamic Boarding School Al-Izzah, Batu

EXPERIENCE

Volunteer Staff May 2025 - Present
Informatika UMM , Malang

My role is to assist in the processing and management of student data, from recording to organizing data to make it easier to access and analyze for administrative and decision-making purposes.

Assistant Laboratory Jul 2022 - Present
Infotech , Malang

Assisted practicum sessions by teaching module materials and evaluating weekly coding assignments.

Social Media Specialist

Dec 2022 - Present

Infotech , Malang

Managed Labit UMM's social media accounts, created creative content such as rewind videos and quote posters, and engaged with audiences. Proficient in video editing using Capcut and design creation.

Treasurer

Dec 2023 – Jan 2024

Infotech, Malang

Oversaw Infotech's financial activities, ensured monthly financial transparency, organized budgets and logistics for events, and designed a financial process workflow.

Author of e-Learning Module

Jul 2023 - Sep 2023

Infotech , Malang

Developed learning materials for the "Basic Programming" practicum using the C language, serving as a comprehensive guide for first-year Informatics students. Additionally, I created an e-learning module for the "Data Mining" practicum using Python, designed to teach students how to analyze and work with data. I also authored a dedicated "Machine Learning" module to help students understand core ML concepts and implement common algorithms using Python in practical scenarios.

Web Content Manager

Feb 2025 – Jun 2025

University of Muhammadiyah Malang, Malang

As a freelance Web Content Manager for a campus website (ICON-TINE, ICMEDH, INCLAR) built on WordPress, I am responsible for managing and updating various content, including announcements, academic schedules, and other important information. I organize the page structure for better navigation, edit content to ensure consistency and responsiveness across devices, and keep all published information up to date. Additionally, I coordinate with campus staff for timely content publication and perform basic optimization to ensure the website is accessible and user-friendly.

Academic Support Specialist

Jul 2022 – Sep 2024

PT. NyanHosting Solusi Website , Malang

Provided freelance coding assistance to students, specializing in C, Java, HTML, CSS, and JavaScript programming languages.

Machine Learning Cohort

Feb 2024 - July 2024

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

Completed Bangkit Academy by Google, Tokopedia, Gojek, and Traveloka, mastering data preprocessing, visualization, and advanced machine learning techniques like CNNs and NLP.

Vokal.AI

Aug 2023 – April 2024

Data Audio Reviewer

January 2024 - April 2024

Malang, East Java, Indonesia

Reviewed 1,000–1,500 audio data weekly, ensuring compliance with company criteria and standards.

Assistant Product Manager

November 2023 - December 2023

South Jakarta, Indonesia

Coordinated a team of interns (Mobile Developers, Backend Developers, and Quality Assurance) in enhancing the Ngaji.AI application. Created use-case diagrams, feature reports, and UI designs using Figma.

Apprentice Data Scientist

August 2023 - December 2023

Malang, East Java, Indonesia

Conducted surveys and collected data for the Ngaji.AI application. Organized recordings based on participants' recitation abilities and age groups for training purposes.

SKILLS

Intermediate in: Java, HTML CSS, C, Miro, Python, TensorFlow, Keras, Google Sheets

Basic in: Figma, Wordpress, Tableau

PROJECTS

SUARGA: Pregnancy Welfare in One Touch

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

Developed as part of Bangkit Academy, SUARGA is an AI-powered application designed to prevent stunting in children by providing pregnant women with accurate nutritional guidance. The app uses advanced image recognition models (TensorFlow, Keras) to analyze meal images, achieving 97% accuracy in nutritional analysis.

Key features include personalized nutritional recommendations, secure OAuth-based user authentication, and a robust backend built with Node.js and SQL databases (Prisma). By empowering pregnant women with actionable insights, SUARGA addresses malnutrition effectively and supports healthy child development.

Spotify Data Analysis

This project analyzes a Spotify dataset to uncover insights about songs, artists, and trends in music preferences. By examining various attributes and patterns, the analysis provides a deeper understanding of what makes tracks popular and how different features contribute to their success.

CERTIFICATIONS

CCNA: Switching, Routing, and Wireless Essentials

https://www.credly.com/badges/d0719bb8-2195-4c33-a514-9ff108711fbd/linked_in_profile

Get Started with Python | by Coursera

<https://coursera.org/share/4e0cb78fa48d4161ddace3236c87ebbd>

Code Yourself! An Introduction to Programming| by Coursera

<https://coursera.org/share/158d0d477e8eec96c716bb962ec5b7a4>

Managing Emotions in Times of Uncertainty & Stress| by Coursera

<https://coursera.org/share/b8eded079c81c846fe0e24db0731e147>

Using Python to Interact with the Operating System

<https://www.coursera.org/account/accomplishments/records/GXP74JHD6N3Z>

Introduction to Git and GitHub

<https://www.coursera.org/account/accomplishments/records/ZMFM4LG42LTD>

Crash Course on Python

<https://www.coursera.org/account/accomplishments/records/4HJTT9RM45FF>

Share Data Through the Art of Visualization

<https://www.coursera.org/account/accomplishments/records/HQCQAD77H3LQ>

Process Data from Dirty to Clean

<https://www.coursera.org/account/accomplishments/records/WZQ7SXJB7HFX>

Probability & Statistics for Machine Learning & Data Science

<https://www.coursera.org/account/accomplishments/records/9RMU3H667ZYT>

Mathematics for Machine Learning and Data Science Specialization

<https://www.coursera.org/account/accomplishments/specialization/DMZVQ8532XQK>

Linear Algebra for Machine Learning and Data Science

<https://www.coursera.org/account/accomplishments/records/J5SD7MHWNAGU>

Calculus for Machine Learning and Data Science

<https://www.coursera.org/account/accomplishments/records/28HD3KJH2GDY>

Belajar Analisis Data dengan Python

<https://www.dicoding.com/certificates/6RPNV229RZ2M>

Analyze Data to Answer Questions

<https://www.coursera.org/account/accomplishments/records/HGESA5VAH2MN>

Natural Language Processing in TensorFlow

<https://www.coursera.org/account/accomplishments/records/HPZ56397ZKFT>

Machine Learning Specialization

<https://www.coursera.org/account/accomplishments/specialization/PGWV93BK8HCF>

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

<https://www.coursera.org/account/accomplishments/records/ARCY2D8TXE7V>

Convolutional Neural Networks in TensorFlow

<https://www.coursera.org/account/accomplishments/records/PARMFLGSDFRS>

TensorFlow: Data and Deployment Specialization

<https://www.coursera.org/account/accomplishments/specialization/8TUQ4KFS6HLB>

TensorFlow: Advanced Techniques Specialization

<https://www.coursera.org/account/accomplishments/specialization/2ERZGLH2HSCG>

Structuring Machine Learning Projects

<https://www.coursera.org/account/accomplishments/records/CQNPZC7NVEFQ>

Sequences, Time Series and Prediction

<https://www.coursera.org/account/accomplishments/records/MK2HK73WCMCR>

Generative AI for Everyone

<https://www.coursera.org/account/accomplishments/records/RXP6VTF9XXXL>

Device-based Models with TensorFlow Lite

<https://www.coursera.org/account/accomplishments/records/C6VN7SVRFMJ5>

DeepLearning.AI TensorFlow Developer Specialization

<https://www.coursera.org/account/accomplishments/specialization/VTD6LE4346KV>

Data Pipelines with TensorFlow Data Services

<https://www.coursera.org/account/accomplishments/records/ACTDLKC3PJH2>

Custom and Distributed Training with TensorFlow

<https://www.coursera.org/account/accomplishments/records/F22H6ZAKY2FM>

Custom Models, Layers, and Loss Functions with TensorFlow

<https://www.coursera.org/account/accomplishments/records/D5A4K2VLFFGX>

Browser-based Models with TensorFlow.js

<https://www.coursera.org/account/accomplishments/records/KRBYPNAYH2U4>

Advanced Deployment Scenarios with TensorFlow

<https://www.coursera.org/account/accomplishments/records/H9LXSW2UCUB3>