Michael Ivan Santoso

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EDUCATION

BINUS University   Sep 2023 – Now

Student of Computer Science

GPA 3.98 of 4.00

Loyola College Senior High School, Semarang   Jul 2020 – Jun 2023

Natural Science Major

Magna Cumlaude

ACHIEVEMENTS

Presenting Paper at the 10th ICCSCI 2025, Semarang   2025

Successfully Presenting Paper as Author at the 10th ICCSCI 2025

EXPERIENCES

The 10th ICCSCI 2025, Bina Nusantara University   Aug 2025

Participant (Author)

- Researching and writing a paper titled "Extractive Indonesian News Text Summarization using DistilBERT, IndoBERT, MBERT, and RoBERTa."
- Acquiring knowledge in NLP tasks in the field of extractive summarization of the Indonesian language.

Teaching Mathematics at 3rd grade Kebon Dalem 2 Elementary School, Semarang   Jun 2024

Volunteer

- Community service teaching mathematics to 3rd grade elementary school students using PowerPoint and interactive learning.

Teaching Coding at 1st grade YSKI 2 Elementary School, Semarang   Oct 2023

Volunteer

- Community service teaching coding logic to 1st grade elementary school students using PowerPoint and interactive learning.

Altar Server Committee Saint Francis Xavier Catholic Church, Semarang   Feb - Sep 2022

Field Coordinator

- As a Field Coordinator, I am responsible to communicate and coordinate altar servers on duty according to the schedule, find a replacement for anyone who can't serve, step in as a substitute when necessary, and to train altar servers for specific solemn feast day masses.
- Successfully held the 2022 Easter and Reception of the Sacrament of Confirmation.

LANGUAGES AND SKILLS

- Languages: Bahasa Indonesia (Native), English
- Tools: Ms. Word, Ms. PowerPoint, Ms. Teams, Adobe Illustrator, Figma, Canva, Postman
- Programming: C, Python, Java, HTML, CSS, JavaScript, SQL, React
- Passionate in: Machine Learning and Deep Learning

PROJECTS

- "CAteriNgz", simple web development that focuses on selling cuisine for catering using HTML, CSS, and JavaScript with a total of 8 website pages and only using JavaScript for calculating amount, total price, and login/register.
  Link: https://github.com/Mis-291205/AoL_HCI
- Deepfake Detector, streamlit app and mobile app using Android Studio to detect deep-fake images using VGG16 model with dataset from Kaggle for training.
  Link: https://github.com/Mis-291205/AoL-AI_VGG16
- NLP Chatbot-BERT, a chatbot using BERT model with intent classification approach with datasets from Kaggle
  Link: https://github.com/migz177/chatbot-bert
- KostLife, a mobile app for assisting users, especially students in planning and scheduling daily activities and helping to manage personal finances. Using React Native Expo as frontend and NextJS + Prisma as backend
  Link: https://github.com/JasonEvan/kostlife-frontend, https://github.com/JasonEvan/kostlife-backend
- Waste Detector, streamlit app and mobile app using Android Studio to detect and categorize waste images using VGG16 model with dataset from Kaggle for training.
  Link: https://github.com/Mis-291205/AoL-MachineLearning
- Traffic Light, this project uses YOLO (Ultralytics) for vehicle detection from YouTube streams/local streams, as well as Fuzzy Logic (scikit-fuzzy) for traffic density analysis.
  Link: https://github.com/Dard1ka/TrafficLightAi
- Churn Prediction, an Android application that predicts whether a customer will churn (unsubscribe) or not, based on customer data input.
  Link: https://github.com/Dard1ka/ChurnPredictionApp
- Parkinson MobileNet Comparison, spiral and Wave image-based Parkinson's detection experiment using a lightweight deep learning model. Comparing MobileNetV2, custom MobileNetV2, and MobileNetV3-Small to evaluate accuracy, computational efficiency, and potential implementation on mobile/edge devices.
  Link: https://github.com/Dard1ka/parkinson-mobilenet-comparison

CERTIFICATION

- Author in the 10th International Conference on Computer Science and Computational Intelligence 2025
- Participant in World Cleanup Day Central Java 2024
- Participant in International Webinar: Industrial Digital Transformation 2023
- Participant in International Webinar: Industry 4.0 Challenge 2023