Theo Deannata Harjanto

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Education

BINUS University Jakarta
Undergraduate Computer Science 2022-2026
GPA: 3.63
Intelligence System Concentration

Organization Experience

HIMTI Binus University 2022-2024
Non-Profit Jakarta
- Activist of the third commision: Creative and Design and Web Development
- Committee member of Design and Documentation Techno:ARCADE 2023
- Coordinator of Design and Documentation HIVENT 2023
- Committee member of Design and Documentation HILET 2023
- Committee member of Design and Documentation HIMTI Farewell 2024

University Projects

Loan Prediction Using Machine Learning Ensemble Method 2024
- Description: A Binary Classification task, utilize ensemble method, allow user to construct their own model.
- Role: Creating EDA Page, Finding the most optimal method, Data Cleaning and Curating
- Technologies Used: Python, Scikit-Learn, Streamlit, Plotly, Pandas

Sentiment Analysis and Named Entity Recognition using DistilBERT 2024
- Description: Sentiment analysis on smartphone review, named entity recognition on smartphone features.
- Role: Optimizing the Sentiment Analysis model and added explainable.
- Technologies Used: Python, PyTorch, Gradio, LIME

Detecting Fake News Using Machine Learning and Explainable AI 2024
- Description: A Binary Classification task on fake and real news, utilize machine learning and explainable ai.
- Role: Optimizing the Sentiment Analysis model and added explainable.
- Technologies Used: Python, Scikit-Learn, LIME, Pandas, NLTK

Volunteering

2023 ICPC Jakarta Documentation Committee 2-3 December 2023
- Description: Documenting the event for two days.
- Skills Developed: Photography, Communication

Additional

Language Skills: Indonesian, English
Technical Skills: Machine Learning, Deep Learning, Natural Language Processing, Front End Web Development, UI/UX Designing, Video Editing, System Analysis
Programming Language: Python, PHP, TypeScript, Dart
Programming Libraries/Framework: Scikit-Learn, Tensorflow, PyTorch, Laravel, Flutter, Next.JS