KEVIN WIJAYA

Undergraduate, University of Surabaya, Informatics Engineering

I am a final year student majoring in Informatics Engineering with a concentration in Data Science and Artificial Intelligence. My specialization includes Data Processing, Data Analytics, Machine Learning, Deep Learning and Natural Language Processing.

yeskevinwijaya@gmail.com linkedin.com/in/kevinwijaya- github.com/kevin-wijaya kevinwijaya.vercel.app

Formal Education

University of Surabaya, Faculty of Engineering, Department of Informatics

August 2020 – Now

Relevant Courses: Aglrotihm Programming, Object Oriented Programming, Database, Data Structure, AI Fundamental Linear Algebra, Discrete Mathematics, Statistics, Applied Multivariate Analysis, Data Mining, Intelligent Information Retrieval, Digital Image Processing, Natural Language Processing, Machine Learning, Deep Learning dan Special Topics in DSAI.

Thesis: Sentiment analysis regarding ChatGPT in the academic field using a combination of Convolutional Neural Network and Long Short-Term Memory Methods.

Non-Formal Education (Certified)

NLP Fundamental using Python - *Ubaya*

April 2023

Learn the basic concepts of Natural Language Processing (NLP) such as implementing crawling, applying regular expressions (regex), post tagging, n-grams, sentiment analysis, chatbots, automatic summarization and automatic correction using the NLTK library..

IoT Fundamentals: Big Data Analytics - *Cisco*

October 2022

Learn the basic concepts of Big Data Analytics such as fundamental data analysis, the use of machine learning in data analysis, data storytelling, big data engineering, hyperparameter and model evaluation as well as the use of hadoop, mapreduce, sql server and rapid miner tools.

Math Basics - *Huawei*

May 2022

Learn the basics and applications of linear algebra, statistics, probability theory, information theory, numerical calculation, classification problems and solutions as well as optimization problems.

Python Programming Basics - *Huawei*

February 2022

Learn the basic python programming such as syntax, data types, functions, object oriented programming, try-except and use of libraries and packages.

Technical Skills

Programming Language (Preferred): Python, PHP, JavaScript

Programming Language (Familiar): Kotlin, Java, SQL, C#

Libraries: RegEx, Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Sastrawi, Gensim, NLTK, BeautifulSoup4, OpenCV, Tensorflow, Torch, Hugging-Face, PHP-ML

Frameworks: Laravel, Flask, Tailwind CSS, Jquery, NodeJS, Jetpack Compose, Material-3

Database: MySQL, SQLite

Project Selected

AI-Generated Text Detection Using Deep Learning Approach on Indonesian Text

July 2023

AI text data is generated through a paraphrasing process on human text data. The vectorization in this research uses Doc2Vec and BERT Tokenizer. The models used in this study were LSTM, GRU, Bi-LSTM, Bi-GRU and BERT with the IndoBERT pre-trained model. Of the five models, the best accuracy on training data is BERT, while the best accuracy in evaluation with data validation is Bi-LSTM and Bi-GRU