

Davian Benito

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Informatics graduate passionate about data science, with a focus on NLP. Experienced in applying data-driven techniques to extract valuable insights through various industry projects. Skilled in critical thinking, with a strong dedication to tasks and excellent communication abilities.

WORK EXPERIENCE

Scientific Researcher

Institut Teknologi Sepuluh Nopember (ITS)

Jul 2024 - Present

- Conducted research on detecting contradictions in legislation texts through document matching using Transformer models.

Lecturer Assistant

Institut Teknologi Sepuluh Nopember (ITS)

Feb 2024 - Jul 2024

- Assisted lecturers in preparing materials and assignments for the AI Engineering class.

Data Analyst

GoTo Group (Gojek)

Aug 2023 - Dec 2023

- Contributed to the maintenance and creation of queries, tables, and dashboards for analysis.
- Developed a machine learning approach to adjust GoFood merchant ratings.

Researcher

Institut Teknologi Sepuluh Nopember (ITS)

Jul 2023 - Dec 2023

- Developed a sentiment analysis model using key term expansion on Twitter datasets, using a hybrid approach of TF-IDF and BERT methods.

Laboratory Assistant

Institut Teknologi Sepuluh Nopember (ITS)

Jul 2022 - Jul 2023

- Assisted lecturers in preparing materials and coordinating events for a lab specializing in graphic interaction software development.

Software Developer

Schematics ITS

Feb 2022 - Oct 2022

- Developed an application for the National Logic Competition, successfully supporting over 1000 participating teams.

Researcher

Institut Teknologi Sepuluh Nopember (ITS)

Aug 2021 - Aug 2022

- Contributed to the development of AI-driven automated segmentation for brain MRI images.
- Developed an AR application to assist surgeons in visualizing patient tumors during surgery.

EDUCATION

Institut Teknologi Sepuluh Nopember (ITS)

Bachelor's degree in Informatics • GPA: 3.84

Aug 2020 - Aug 2024

SMA Kristen Petra 2

Science

Aug 2017 - Aug 2020

AWARDS & SCHOLARSHIPS

Most Impressive Presentation - Finalist Big Data Challenge - Satria Data 2024

Aug 2024

Ministry of Education and Culture Republic of Indonesia

Finalist Big Data Challenge - Satria Data 2023

Aug 2023

Ministry of Education and Culture Republic of Indonesia

CERTIFICATIONS

EF SET English Certificate 78/100 (C2 Proficient)

Aug 2024

EF Standard English Test (EF SET)

Introduction to Statistics

Jan 2024

Stanford University

Data Analyst Associate

Oct 2023

DataCamp

Natural Language Processing Skill Track

Sep 2023

DataCamp

Kaggle Data Science Courses Certifications

Apr 2023

Kaggle

Google Data Analytics Certificate

Feb 2023

Google

The Data Science Course 2023: Complete Data Science Bootcamp

Jan 2023

365 Data Science

PROJECTS

Analyzing the Impact of Buzzers on Public Opinion Using IndoBERTweet and XGBoost Based on Graph and Tweet Features

Aug 2024

Developed a Twitter buzzer detection model to analyze its impact on public opinions regarding the 2024 Indonesian presidential election, utilizing sentiment analysis and topic modeling.

OCR on License Plate Indonesia Dataset

Aug 2023

OCR program using Transformer based approach to detect Indonesia License Plate, succeeded in getting a CER metric of 97.4%

Stock Price Multi-Steps Forecasting

May 2023

Multi-steps forecasting model on BCA stock price using multiple deep learning approaches

VOLUNTEERING & LEADERSHIP

UKM Bridge ITS

Jul 2022 - Jul 2023

Deputy Head of External Division

Community of bridge players at ITS University

PMK ITS

Jun 2021 - Dec 2021

Event Staff

Christian students association at ITS University

SKILLS

- Artificial Intelligence
- Big Data
- Data Analysis
- Data Analytics
- Data Science
- Natural Language Processing
- Research Skills
- Statistical Data Analysis

REFERENCES

Prof. Dr. Diana Purwitasari, S.Kom., M.Sc.

Faculty of Intelligent Electrical and Informatics Technology, ITS | Vice Dean

Email : diana@if.its.ac.id

Note : Academic advisor during the final thesis.

Dini Adni Navastara, S.Kom, M.Sc.

Directorate of Technology Development and Information Systems, ITS | Section Head of Customer Relations and Business Planning

Email : dini_navastara@if.its.ac.id

Note : Academic advisor during the final thesis and various competitions.