Jackson Bhakti Gusman

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I'm a 3rd year Computer Science student majoring in Intelligent System at BINUS University. I'm enthusiastic in data especially in machine learning, computer vision and tech. I like to work with a team, love to learn new things and am adaptive to all current situation.

EDUCATION

Binus University, Bachelor of Computer Science   Sep 2021 - Present

Major in Computer Science; Streaming in Intelligent Systems
Current GPA : 3.46
Relevant Coursework : Algorithm and Programming, Data Structures, Algorithm Design and Analysis, Database Technology, Artificial Intelligence, Machine Learning, Deep Learning

SMA Sukses Abadi, Science Major   Jul 2018 - Jun 2021

- Chairman of the Student Council 2019/2020

EXPERIENCE

Data Scientist Intern at PT Gabungan Era Mandiri   Feb 2024 - Aug 2024

PT Gabungan Era Mandiri (GEM) is a prominent Indonesian supplier of fresh and frozen seafood products, known for its commitment to quality, sustainability, and customer satisfaction

- Develop predictive models using Weibull Distribution to estimate the lifetime value of each spareparts, optimizing inventory management, and reducing cost of preparation spareparts
- Build a model that can classify image graph analysis quality control temperature using machine learning model
- Research on custom data models and algorithms that is most suitable to apply in datasets for the organization

ORGANIZATION EXPERIENCE

Event Staff of TECHNO 2023   Apr 2023 - Sep 2023

- With my team, we were able to get a location which is a place that have sufficient facilities, good location, and suitable theme for the event to run.
- With my team, we were able to get vendors with affordable prices and sufficient amounts of food for the event participants.
- On D-Day of the event, I am part of the mobilization team, where we are the ones who provide direction to the participants.

Promotions Staff of TECHFEST 2023   May 2023 - Aug 2023

- Create a promotional caption, share it with several groups or communities to promote our event competition, and get more than 200 participants at the TECHFEST 2023

Treasurer of HIMTI FAREWELL 2023   Jan 2023 - Apr 2023

- As the Treasurer of HIMTI FAREWELL 2023, I was responsible for the strategic planning, meticulous organization, and effective management of all financial transactions associated with the event.

Disciplinary Staff of HILET 2023   Jan 2023 - Mar 2023

- Make SOPs and rules, as well as admonishing and advising prospective HIMTI activists for the 2023–2024 period (Visualization Division), which trained my leadership, discipline, and public speaking skills.

Event Staff of Company Visit HIMTI X BCA 2022   Sep 2022 - Dec 2022

- Make an event rundown, guide participants, and ensure the presence of participants in the event so that no one is left behind.

PROJECTS

Brain Tumor Detection using CNN

- A Deep Learning Project presents the exploration the use of CNN to detect brain tumor from brain scan images. The dataset was obtained from Kaggle which consists of images categorized as healthy or affected by a brain tumor

HIV Classification From SMILES Using Random Forest

- A Machine Learning Project that aims to get the best accuracy percentage of HIV Classification from Simplified Molecular-Input Line-Entry System. The result achieved 99.81 % accuracy using Random Forest Algorithm

Exploring The Performance of XLNet and BiLSTM Models For Clickbait Detection In Online News Headlines: A Comparative Study

- A Natural Language Processing Project presents a comparative analysis of the training and testing results obtained from two different models, BiLSTM and XLNet for detecting clickbait using Online News Dataset, which was retrieved from Kaggle.

Face Recognition Football Player using Haar Cascade

- A Computer Vision Project demonstrates the feasibility of using Haar Cascade algorithm for face recognition in the context of football players. The dataset was given by Assistant Lab BINUS which consists of football players face images

Recipedia - Mobile Application

- Recipedia is a food recipe information application that aims to help user to search the recipe they want. Made with Android Studio, Java, XML and Firebase.

Book Your Teacher - Mobile Application - UI/UX Design

- A booking application that aims to book nearest private teacher. Made with Figma

ABOBIO - Application Desktop

- ABOBIO is a cinema ticket booking application that aims to facilitate users in reserving tickets at specific locations. Made with Apache Netbeans, JavaSwing, MySQL.

PRINTLINE - Website - Front end

- An order application that aims to make photocopies quickly without the need to go to the location. Made with HTML, CSS, JS.

ASTROINFO - Website - Front end

- A project website focusing on astrology information that provide users with comprehensive and accurate details about astrology-related topics. Made with HTML, CSS, SCSS, JS.

EASYJOB - Website - UI/UX Design

- EasyJob is a job vacancy website, where people can view and register on this website in order to find job vacancies. Made with Figma

Website Portofolio - Website

- Only a portofolio website that made using HTML, CSS, JS, Bootstrap

ADDITIONAL

Technical Skills : C, C++, Python, Java, MySQL, HTML, CSS, SCSS, JS, Android Studio, Firebase, JavaSwing, Excel, Object-Oriented Programming, Data Structures, Natural Language Processing, Machine Learning, Deep Learning, Speech Recognition, Figma

Languages : Fluent in Indonesia, Conversational Proficieny in English, Basic in Mandarin

Certifications : Machine Learning A-Z™: AI, Python & R (Udemy), Data Science Orientation (Coursera), What is Data Science ? (Coursera), C++ Tutorial for Complete Beginners (Udemy), Introduction to Python Programming (Udemy), Belajar Dasar Pemrograman JavaScript