Giraldo Nainggolan

https://portofoliokreatif.blogspot.com/

Portofolio

2025

Information Systems

Giraldo Nainggolan

IINNOVATIVE IT PROGRAMMER

About Me

I am an Information Systems student with an interest in technology and innovation. Experienced in website development, UI/UX, mobile application, data analysis, and project management, I focus on creating digital solutions that are secure, efficient, and impactful.

Skills

- Python
- Javascript
- Java / Kotlin
- Wordpress
- PHP
- Laravel
- SQL

Contact

082383077087

https://giraldonainggolan.blogspot.com/

PERUM TGR BLOCK I 47/16

Education

senior high school
SMAKN SAMOSIR 2018 - 2021

Information Systems Students
Trunojoyo University 2022 - 2026

During my studies, I have been actively involved in various IT trainings and projects, including software redesign, website and Android application debugging, and user convenience implementation. I am active in the Information Systems Association organization, Google Developer Campus, ITC, and several other additional activities.

Experience

Project Management - Surabaya
Reka Village April 2024 - June 2024

Explore my Real Estate Website project built with WordPress CMS. Featuring responsive design, SEO optimization, and advanced property search for seamless browsing.

Product Developmen - Surabaya
UPN East Java June 2024 - Agustus 2024

Discover my FarmBot project: an innovative solution combining automation and precision farming to revolutionize sustainable agriculture and boost efficiency.

Software Staff
Bangkalan Legislative Council Sep 2024 - Nov 2024

Tasked with designing a cross-platform application for the Bangkalan Regional People's Representative Council (DPRD) to facilitate efficient correspondence and communication.

Audit & Corporate Governance
PT Bukit Darmo.Tbk Oct 2024 - Dec 2024

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc sit amet sem nec risus egestas accumsan. In enim nunc, tincidunt ut quam eget, luctus sollicitudin neque.

PERSONAL BRAND

PROJECT WEBSITE

2022-2025

Giraldo Nainggolan ***Website Dev***

Christmas Shop Landing Page

Seasonal Sales on Christmas Day

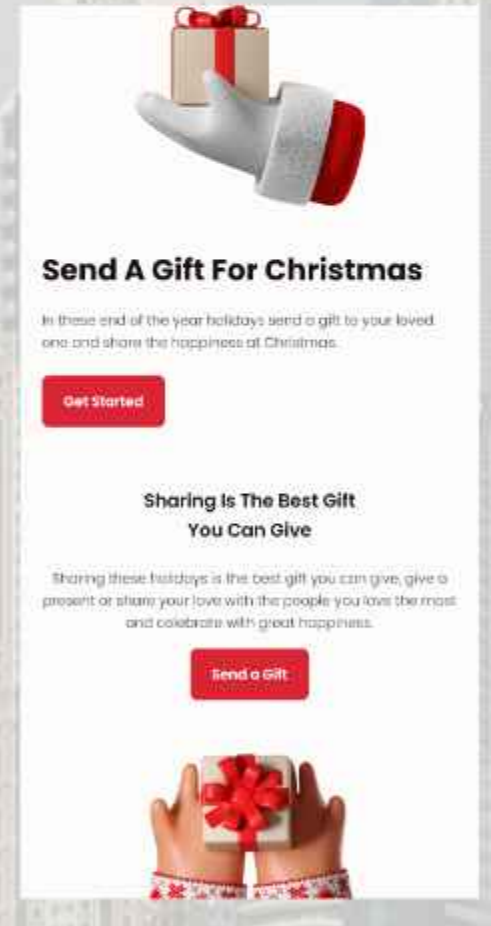
Developed a fully responsive e-commerce website for Fashionista, a fashion retailer. The site includes an integrated shopping cart, user accounts, and a product recommendation engine.

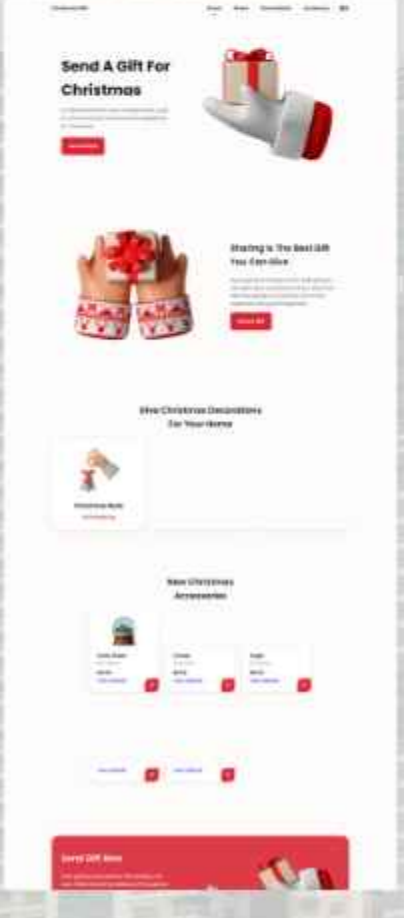
Technologies Used:

Front-end: HTML, CSS, Javascript

Outcome:

This website is designed for someone who celebrates Christmas with all the trappings of thr celebrate





UTM Faculty of Engenering Room Loan Website - Laravel 11 Framework

Final project from lecturer

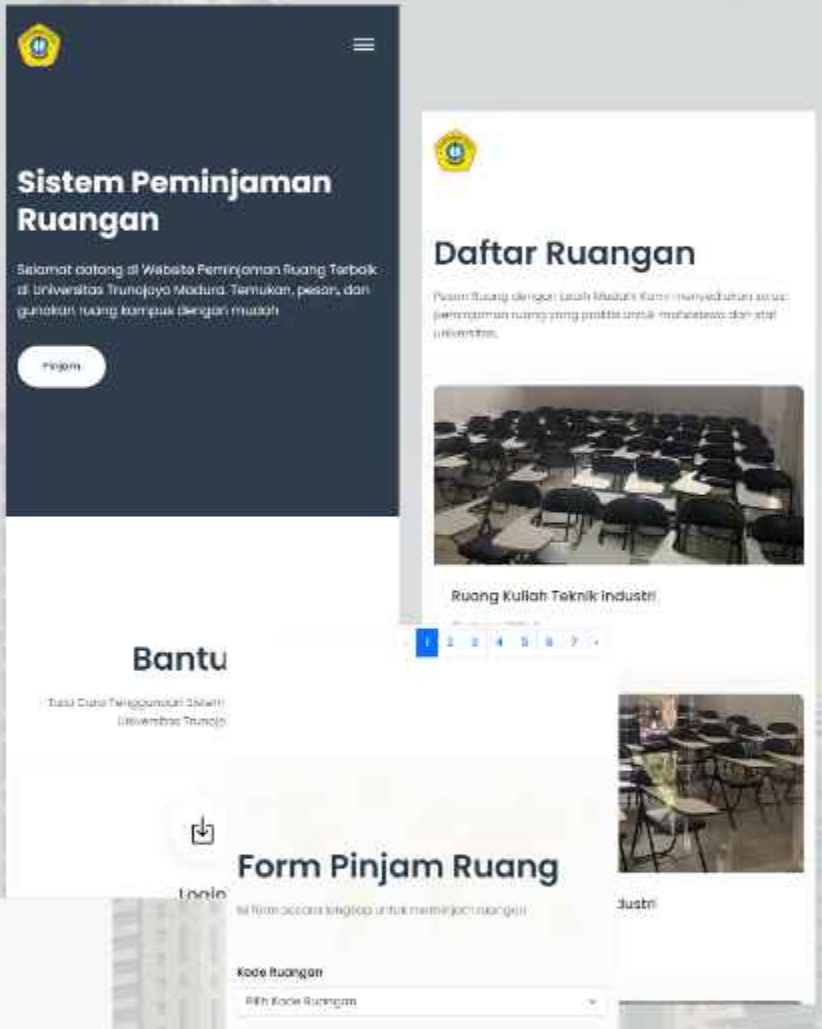
I developed a room reservation website for the Faculty of Engeneering UTM using Laravel 11, featuring an admin panel, user authentation, and booking functionality

Technologies Used:

Front-end: Bootstrap, Blade, CSS, Javascript.
Back-end: PHP, MySQL, Laravel, Hosting, GitHub, Herd

Outcome:

Developed a Laravel based room booking site for UTM Engeneering with admin panel, login, and reservation.



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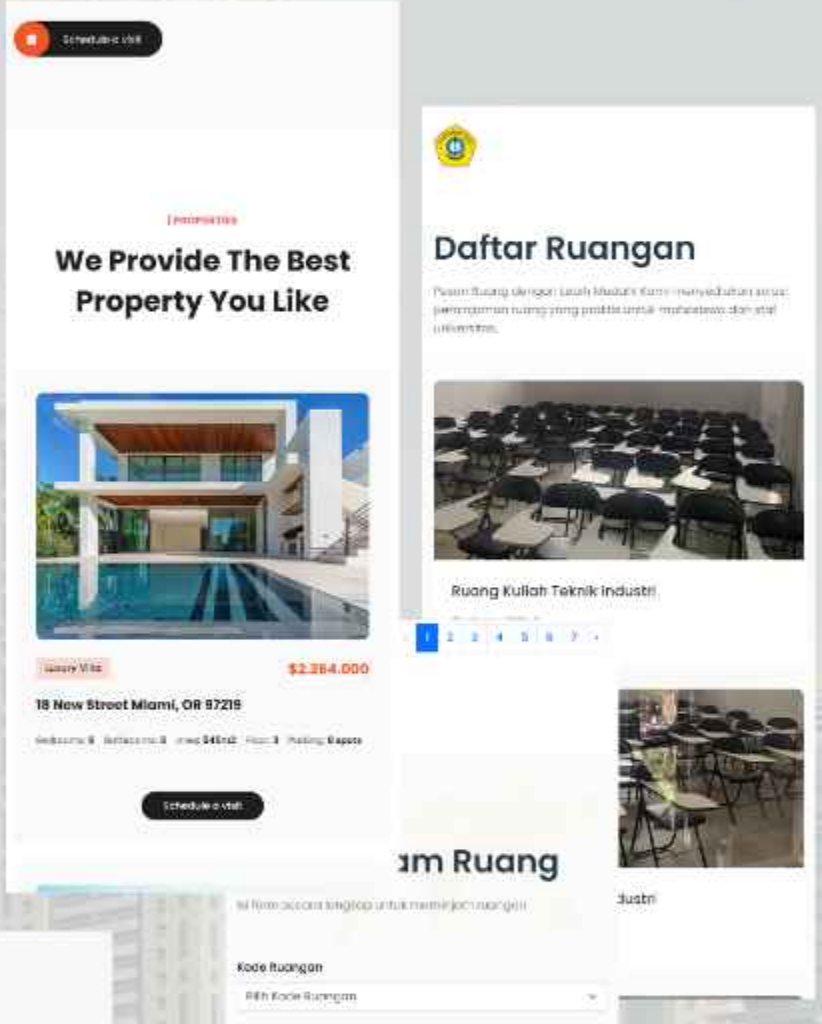


Villa Agency Management System with PHP Native

Property Management

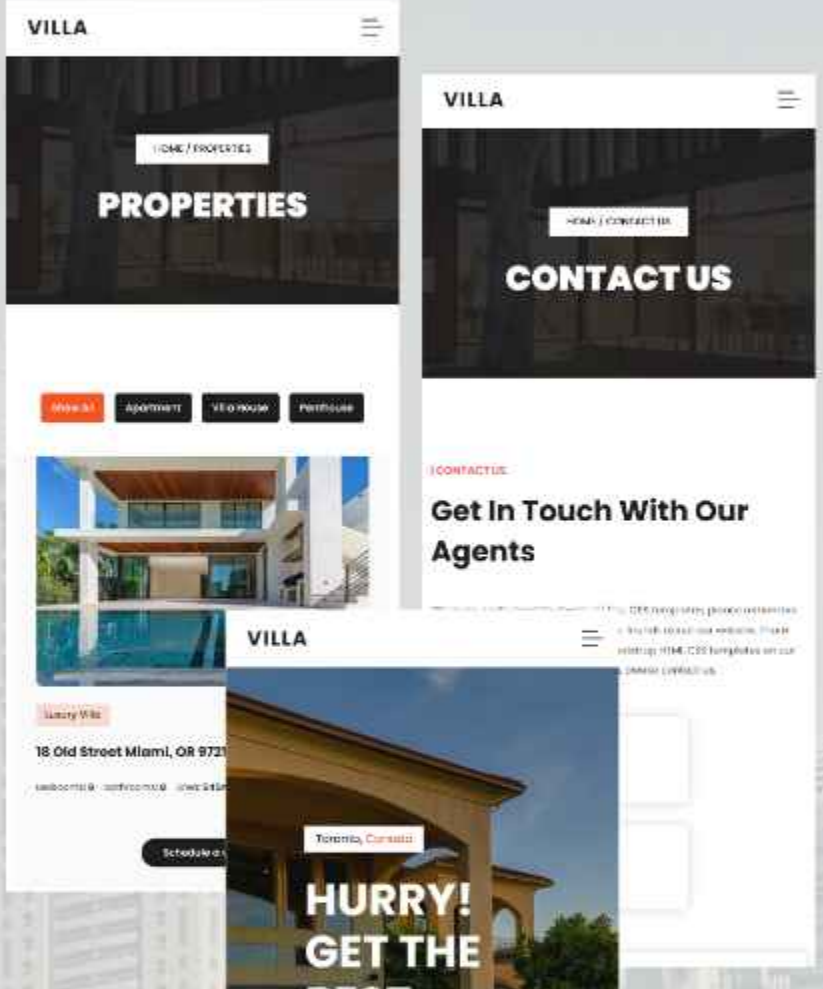
Developed a Villa Agency project using PHP Native, featuring property listings, booking management, and a user-friendly interface for efficient operations.

Technologies Used:

Front-end: HTML, CSS, Javascrip, Bootstrap
Back-end: PHP, MySQL
Hosting: GitHub, Localhost

Outcome:

Developed a Laravel based room booking site for UTM Engeneering with admin panel, login, and reservation.



Spiritual Tourism to Jerusalem - Landing Page Project

Spiritual Inspiration for Your Journey

Developed a basic WordPress tutorial project featuring a spiritual tourism website for Jerusalem, showcasing essential design and content management techniques

Technologies Used:

Front-end: Pluggin, Theme, Elementor.
Back-end: PHP, MySQL
Hosting: GitHub, Localhost

Outcome:

Created a WordPress-based spiritual tourism site for Jerusalem, teaching basic web design

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PROJECT

DATA SPECIALIST

Data Science, Analytics, and Computer Vision for Advanced Insights and AI Solutions

Disusun oleh
Giraldo Naiggolan

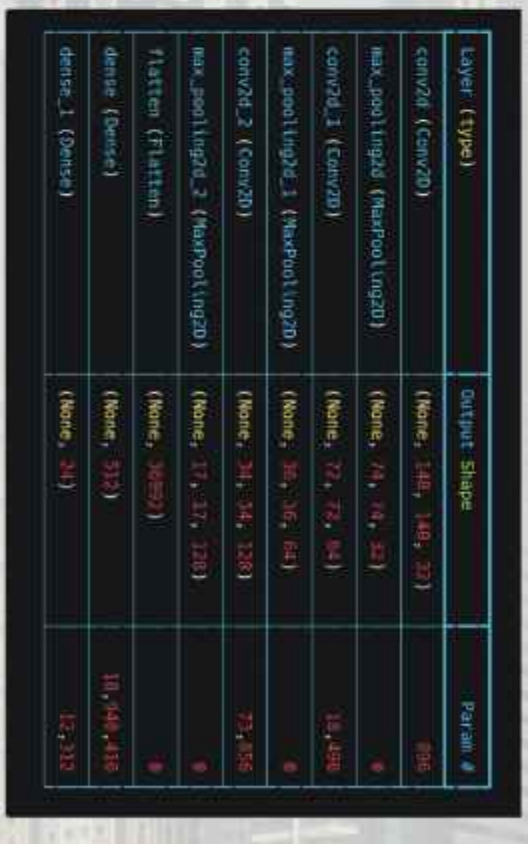
Fruit Classification using CNN and Image Processin

Dataset properties:

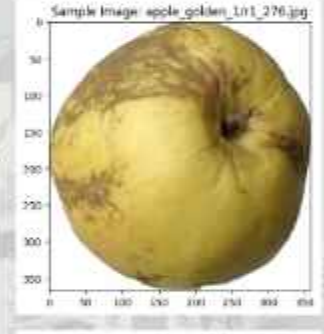
The total number of images: 94110. Only images scaled to 100x100 pixels are counted here. Training set size: 70491 images (one object per image). Test set size: 23619 images (one object per image). The number of classes: 141 (fruits and vegetables). Image size in the largest dataset version: 100x100 pixels. Input (1.01 GB)

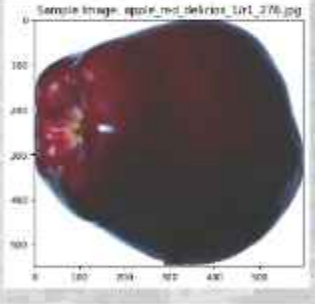
Technologies Used:

os, cv2 (OpenCV), matplotlib, seaborn, numpy, pandas, torch (PyTorch), torchvision, sklearn.model_selection (train_test_split), tensorflow.keras, tensorflow.keras.optimizers (Adam), tensorflow.keras.callbacks (EarlyStopping), sklearn.metrics (classification_report, confusion_matrix), mpl_toolkits.mplot3d.Axes3D, sklearn.preprocessing.StandardScaler



Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 148, 148, 32)	896
max_pooling2d (MaxPooling2D)	(None, 74, 74, 32)	0
conv2d_1 (Conv2D)	(None, 72, 72, 64)	18,496
max_pooling2d_1 (MaxPooling2D)	(None, 36, 36, 64)	0
conv2d_2 (Conv2D)	(None, 34, 34, 128)	73,856
max_pooling2d_2 (MaxPooling2D)	(None, 17, 17, 128)	0
flatten (Flatten)	(None, 36992)	0
dense (Dense)	(None, 512)	18,940,416
dense_1 (Dense)	(None, 24)	12,312





https://www.kaggle.com/code/giraldonainggolan/fruit-classification-using-cnn-and-image-processin

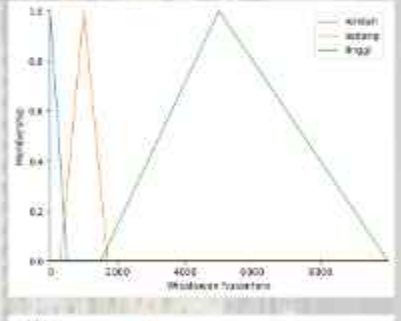
Online shopping-KNN-ROC

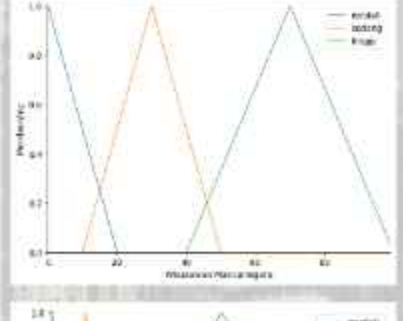
Dataset properties:

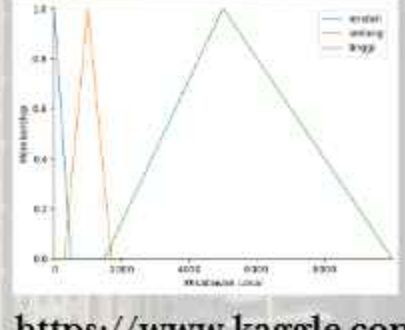
The dataset provided contains data about several tourist attractions along with the predicted number of tourists who will visit these places. For example, Mutiara Beach is predicted to attract 50,000 tourists, while Maobu Beach has a predicted number of visitors ranging from 16,695 to 17,079 tourists, and Bone Labunta is expected to invite between 16,708 to 21,843 tourists.

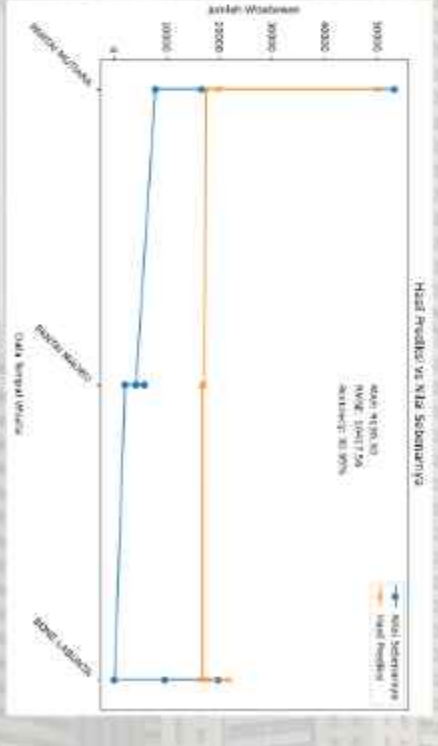
Technologies Used:

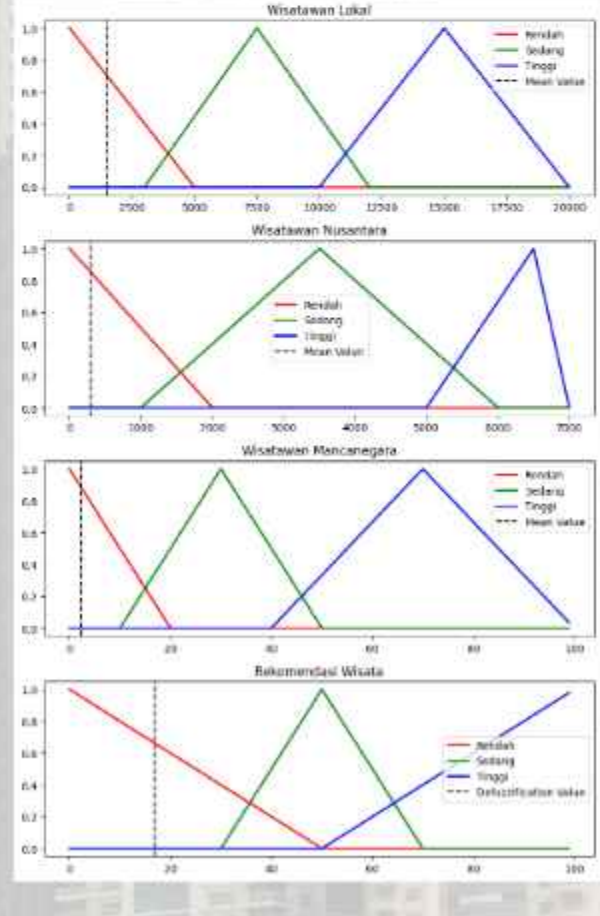
numpy as np, pandas as pd, scikit-fuzzy, matplotlib.pyplot as plt, skfuzzy as fuzz, sklearn.model_selection, train_test_split, skfuzzy, control as ctrlsklearn.metrics, mean_absolute_error, mean_squared_error, matplotlib.pyplot as plt











https://www.kaggle.com/code/giraldonainggolan/sistem-rekomendasi-tempat-wisata/