

# Tifani Dea Shafira

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Yogyakarta, Special Region of Yogyakarta, Indonesia

As an Active Student of Informatics Engineering Study Program at Amikom University Yogyakarta. I have skills in communication, teamwork, and responsibility as evidenced by my final & capstone project where I collaborated seamlessly with a cross-functional team in a meaningful way that resulted in a project that was on track. Apart from that, I enjoy learning new things as well as learning while growing in the field of technology and I believe that there is always room to grow into the best version of myself.

## Education Level

**Universitas Amikom Yogyakarta** - Yogyakarta, Special Region of Yogyakarta, Indonesia Sept 2021 - Present

*Bachelor's Degree in Informatics, 3.86/4.00*

- Appointed as a leader in the Final Project in the Computer Graphics course by making a magazine book entitled "Botanical Ideas".
- Learned Mobile Development, Machine Learning, UI/UX Design, Calculus, Matrix, Algebra, Multimedia, Computer Graphics.
- Select courses in Digital Payment Innovation Concentration, Software Engineering, and Big Data and Data Mining.

**Bangkit Academy Program Batch 1 (MSIB)** - Universitas Amikom Yogyakarta Feb 2024 – Juni 2024

*Machine Learning Student at Bangkit Academy led by Google, Tokopedia, Gojek & Traveloka*

- Attend intensive training in machine learning, including algorithms, models, and applications.
- Collaborate in cross-functional teams to complete real-world projects using machine learning technologies.
- Gain skills in application development, data analysis, data processing and UI/UX design powered by machine learning.
- Train soft skills such as interpersonal skills development.

## WORK EXPERIENCE

**Volunteer DKUI (Directorate of Public Relations & International Affairs) – Universitas Amikom Yogyakarta** Oct 2022 – Mar 2023

*Liasion Officer*

- Organize the event and coordinate with learn
- As the mediator of the relationship between one company or organization and another.

## ORGANIZATION EXPERIENCE

**Penggalian Potensi Mahasiswa (PPM)- Universitas Amikom Yogyakarta** Aug 2023–Sept 2023

*SIE Ketertiban*

- Organizing the annual agenda held by Amikom Yogyakarta for new students.
- Maintain order during the annual agenda and inauguration.

**Amikom Music Organization – Universitas Amikom Yogyakarta** Oct 2022 – Oct 2023

*Event Organizer*

- Make a rundown of the event at the inauguration held
- Assist in preparing for the annual event

**Amikom Computer Club – Universitas Amikom Yogyakarta** Nov 2021 – Oct 2022

*Web Backend*

- Implement trainings from AMCC
- Learning Database Management, Basic Laravel, Figma, API, and Backend Frameworks
- Made the final project with "Wedding Invitation"

## ADDITIONAL and OTHER EXPERIENCE

**Project :**

**"WasteToTaste" app creation - Bangkit Academy Capstone Project** May 2024-June2024

- Creating a "WasteToTaste" app with a focus on reducing food waste
- Implementing a system by inputting food waste ingredients that can be processed and displaying recipes according to the inputted ingredients.
- Processing data using tensorflow and CNN, GRU, LSTM models
- Scrapping images of food ingredients

**Software Requirements Specification for Application “ SUKIE FLORIST ” – Final Project Software Engineering** Sept 2023–Dec 2023

- Analyze the problems that arise in an existing business with product descriptions and limitations in the business, then develop it into an application.
- Determine and create external interface requirements such as user interface, hardware interface, software interface.
- Determine the functional recruitment in the application and create Unified Modeling Language (UML) such as Use Case Diagram, Activity Diagram, and Sequence Diagram.

**Automatic Watering System for Plant with Monitoring and Notification – Final Project Internet of Things** Sept 2023–Dec 2023

- Designing "Planty Care" as an IoT-based solution to automatically water plants and monitor plant conditions in real-time through a smartphone application.
- With this system, users can monitor plants, provide notifications of watering needs, water plants automatically, and display data on soil moisture, temperature, and light.

**Big Data and Data Mining – Final Project** Sept 2023-Dec 2023

- Predict and evaluate the "News Headlines Dataset for Sarcasm Detection" dataset.
- This project aims to build a machine learning model that is able to classify whether a news headline is sarcastic or not. The project includes the stages of data collection, visualization, pre-processing, feature extraction, model building, and evaluation.
- The model achieved good accuracy in classifying sarcastic and non-sarcastic headlines.

**"Sowan Coffee" Web Development - Web Programming Final Project** May 2023-July 2024

- Creating a Company Profile with the aim of providing more information to users using the website
- Solving problems in a coffee shop by implementing a web to facilitate activities.
- This web company profile includes features such as Home, About Us, Menu, Contact Us and Reservation.

**Arduino-based Automatic Nutrient Liquid Control System for Hydroponic Plants - Microcontroller Final Project** Nov 2022-Jan2023

- Designing an automation system for controlling nutrient liquid in hydroponic plants
- The implementation of this design uses several sensors and devices such as NodeMCU ESP32, TDS sensor, and mini pump to control liquid nutrition.
- This system is designed to control and monitor hydroponic plants using Internet of Things (IoT) technology and works automatically and provides notifications through web applications that can be accessed remotely.

**Making "Kau Rumahku" Music Video Clip - Multimedia Final Project**

**Des 2022-Jan 2023**

- As part of the final project for the multimedia course, my group and I successfully produced a music video clip entitled "Kau Rumahku."
- This project covers the entire production process from planning, shooting, editing, to final finishing.
- The music video "Kau Rumahku" was successfully completed and presented as a final project, receiving praise for its creativity, production quality, and effective storytelling.

**SKILLS**

- **Soft Skills** : Communication, Team Work, Problem Solving, Polite, Responsible, Self Confidence, Creative
- **Hard Skills** : Database Basics & Concepts, HTML, CSS, JavaScript, UI/UX, Google Colab, Microsoft Office, Adobe Illutrator, Canva, Capcut.
- **Language** : English (Intermediate), Indonesia (Fluent)

**CERTIFICATION**

- [Sertifikasi Kampus Merdeka](#) 2024
- [Sertifikasi Bangkit Academy](#) 2024
- [Belajar Analisis Data dengan Python](#) (Dicoding) 2024
- [Belajar Dasar Git dengan GitHub](#) (Dicoding) 2024
- [Pengenalan ke Logika Pemrograman \(Programming Logic 101\)](#) (Dicoding) 2024
- [Memulai Dasar Pemrograman untuk Menjadi Pengembang Software](#) (Dicoding) 2024
- [Analyze Data to Answer Questions](#) (DeepLearning.AI) 2024
- [Crash Course on Python](#) (DeepLearning.AI) 2024
- [Share Data Through the Art of Visualization](#) (DeepLearning.AI) 2024
- [Using Python to Interact with the Operating System](#) (DeepLearning.AI) 2024
- [Specialization Certificate TensorFlow: Advanced Techniques](#) (DeepLearning.AI) 2024
- [Specialization Certificate TensorFlow: Data and Deployment](#) (DeepLearning.AI) 2024
- [Specialization Certificate Machine Learning](#) (DeepLearning.AI) 2024
- [Specialization Certificate DeepLearning.AI TensorFlow Developer](#) (DeepLearning.AI) 2024
- [Specialization Certificate Mathematics for Machine Learning and Data Science](#) (DeepLearning.AI) 2024
- [Generative AI for Everyone](#) (DeepLearning.AI) 2024
- [Generative Deep Learning with TensorFlow](#) (DeepLearning.AI) 2024
- [Wireframing UI/UX Design by MySkill](#) Nov 2023 – Nov 2023
- [Data Science Introduction by MySkill](#) Nov 2023 – Nov 2023
- [UX Writing Fundamental by MySkill](#) Oct 2023 – Oct 2023
- [Penggalian Potensi Mahasiswa SIE Ketertiban](#) Agu 2023 - Sep 2023
- [Personal Branding by Sang Sang Univ](#) July 2023 – July 2023
- [Korean Language by Sang Sang Univ](#) July 2023 – July 2023
- [Data Science by Sang Sang Univ](#) July 2023 – July 2023
- [Daily English by Sang Sang Univ](#) July 2023 – July 2023
- [Copywriting by Sang Sang Univ](#) July 2023 – July 2023
- [IT Essentials: PC Hardware and Software](#) June 2022-Sept 2023
- [Pelatihan AMCC Web Backend](#) Jan 2022 – July 2022