

Summary

A **Computer Science graduate** from **Universitas Sriwijaya (GPA 3.91)** with a strong foundation in **data analysis, machine learning, and artificial intelligence**. Skilled in **Python, TensorFlow, PyTorch, SQL, and Computer Vision**, with hands-on experience developing AI models. Projects include **image classification for traditional cakes using CNN** and **ASL hand gesture detection using YOLOv8**. A **Certified TensorFlow Developer** and **Distinction Graduate from Bangkit Academy's Machine Learning Path**. Currently seeking opportunities as a **Data Analyst, Data Scientist, or Machine Learning Engineer** to apply AI-driven solutions in real-world scenarios.

Education

Sriwijaya University
Bachelor of Informatics Engineering

Aug 2021 - March 2025
GPA: 3.91/4.00

Projects

Image Classification for Traditional Cakes Using CNN

January 2025 - February 2025

University Project

[Link](#)

- **Collected and preprocessed** a diverse dataset of traditional cakes, surpassing previous efforts in size and variation
- Applied **data augmentation** to improve model generalization.
- Implemented & optimized **VGG19 and Xception** with **hyperparameter tuning (Learning Rate, Batch Size)**.
- Improved accuracy from **65%-73%** (previous research) to **97%**.

ASL Hand Gesture Detection using YoloV8

February 2024 - June 2024

University Project

[Link](#)

- Led **data collection and labeling** for a custom ASL (American Sign Language) gesture dataset.
- Built & trained a **YOLOv8** model (latest version at the time) for real-time hand gesture detection.
- Integrated the trained model with **OpenCV** to process live video input and display bounding boxes in real time.
- Achieved **95% accuracy** on test data and demonstrated reliable real-time inference.

Indonesian Football Analytics: Scraping & Visualization using Python & Power BI

May 2025

Power BI | Medium | Github

- Scraped and processed data on **550+ football players** from **18 Liga 1 Indonesia clubs** using **Python (Selenium, regex, pandas)**.
- Extracted key attributes including **name, club, position, age, goals, assists, cards, etc.**
- **Cleaned and structured** the dataset for analysis (Filling missing value, change format, and add new column)
- Published insights in an interactive **Power BI dashboard** and a detailed **Medium article**.

Demographic Dashboard of South Sumatra using Tableau & BPS

Personal Project

May 2025

Tableau | Medium | Github

- Developed an interactive dashboard using **Tableau** with official data from **BPS (Statistics Indonesia)– South Sumatra Province**.
- Designed multiple menu-driven pages (slides) covering key topics such as **demographics, economics, health and social indicators**.
- Implemented intuitive navigation, dynamic filters, and interactive parameters to enhance user experience.
- Published insights in an interactive **Tableau dashboard** and a detailed **Medium article**.

Experiences

Data Analytics Track | Startup Campus Bina Bangsa x Google Career Certificate

Feb 2023 - June 2023 | Remote (Online) | [View Certificate](#)

- **Selected** from 7,000+ applicants for Google Career Certificate Scholarship.
- Earned the **Google Data Analytics Certificate**

Machine Learning Cohort | Bangkit Academy 2023 Batch 2 by Google, GoTo, Traveloka

Aug 2023 - Jan 2024 | Remote (Online) | [View Certificate](#)

- **Selected as one of 4,000 participants** from over 57,000+ applicants
- **Graduated with Distinction**, ranked among the **top 10%** in the machine learning path.
- Developed and deployed a **machine learning model for urine color classification from images** to assist early detection of potential health issues based on visual analysis.

Laboratory Assistant | Image Processing Lab, Faculty of Computer Science

Aug 2024 - Dec 2024 | On-site (Campus / Sriwijaya University) | [View Certificate](#)

- Assigned to work on-site daily to manage **lab operations**, **access control**, and **equipment maintenance**.
- Conducted thesis research in the lab focused on **image processing** and **machine learning**.
- Assisted fellow students with **experiment setup**, **debugging**, and use of tools such as **TensorFlow**, **OpenCV**, and **Python-based libraries**.

Organizational Experiences

Member of Machine Learning | Google Developer Student Clubs (GDSC) Chapter Unsri

Nov 2023 - Aug 2024 | [View Certificate](#)

- **Best Participants** in Machine Learning Study Jams Program
- Engaged in **ML discussions**, **knowledge sharing** & **team collaborations**.

Certifications

- **Google Data Analytics - Google (2023)**
- **Mathematics for Machine Learning and Data Science - DeepLearning.ai (2023)**
- **Machine Learning - DeepLearning.ai (2023)**
- **DeepLearning.AI TensorFlow Developer - DeepLearning.ai (2023)**
- **TensorFlow: Data and Deployment - DeepLearning.ai (2023)**
- **Data Scientist - Dicoding (2023-2024)**
- **Machine Learning Engineer - Dicoding (2022-2025)**
- **TensorFlow Developer Certificate - TensorFlow (2024)**
- **Others...**

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Technical Skills

- **Languages:** Python
- **Libraries & Tools:** TensorFlow, Keras, PyTorch, OpenCV, Google Colab, Jupyter Notebook
- **Techniques:** CNN, Object Detection, Transfer Learning, Data Augmentation, Hyperparameter Tuning
- **Soft Skills:** Problem Solving, Critical Thinking, Detail-Oriented, Communication