

DAFFA FIRDAUS

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Mathematics Fresh Graduate

SUMMARY

Recent Mathematics graduate from IPB University. Hands-on project experience, both solo and in teams, in data analysis, data visualization, ML-based recommendation system, and AI image classification. Eager to apply my skills in data analysis, ML, deep learning, NLP, CNN, LLM, and data visualization.

EDUCATION

Bachelor of Science in Mathematics, Institut Pertanian Bogor (IPB University)

Aug 2021 – Jun 2025

GPA: 3.66/4.00

SKILLS

Languages Python, Julia, SQL, R

Libraries Pandas, NumPy, Matplotlib, Scikit-learn, OpenCV, TensorFlow

Tools Power BI, Excel, MySQL

Soft Skills Fast Learner, Problem Solving, Critical Thinking, Collaboration

PROJECT

Personalized Menu Recommendation System for Solaria

Oct 2024 – Dec 2024

[Project Publication](#)

- Developed a machine learning model using SVD to build a personalized menu recommendation system for Solaria.
- Executed the end-to-end data science workflow using the Julia programming language, from primary data collection and preparation to modelling and evaluating performance.
- Interpret model outputs to provide actionable business insights on customer preference trends, enabling data-driven strategic decisions for the company.

COMPETITION

Honorable Mention in Mathematics at ONMIPA-PT 2024

Awarded an Honorable Mention (top 20) in Mathematics at ONMIPA-PT 2024 (National Mathematics and Natural Sciences Olympiad for Higher Education), competing against 1,000+ participants nationwide, issued by Kemdikbudristek, Puspresnas, and BPTI.

ORGANIZATION EXPERIENCE

Staff of Broadcasting, Event, and Service Division

Dec 2022 – Dec 2023

Serambi Ruhiah Mahasiswa G IPB

- Organized and executed faculty-level seminar events.
- Analyzed and visualized survey data to identify key areas for improvement and demonstrate program impact.

WORK EXPERIENCE

Mathematics Tutor

May 2024 – Oct 2024

Gugus Mahasiswa Matematika IPB

- Tutored fellow mathematics students on math subjects: Real Analysis and Cryptographic Mathematics.

COURSES

Udemy Courses x KODE : Programming and Data Science Courses, Organized by Hacktiv8 Indonesia

The 7 Habits of Highly Effective College Students, Organized by FranklinCovey Education

LANGUAGE

Indonesian (Native)

English (Advanced)