Muhammad Zakkiy

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Profile

Machine Learning specialist with strong analytical and problem-solving skills prepared to drive impactful results. Skilled in Python, TensorFlow, and data visualization, with a solid foundation in algorithms and statistical models. Highly collaborative team player, adaptable to evolving project needs, and consistently focused on achieving goals. Known for reliability and effective communication in fast-paced environments.

Experience

Vice Chair of Education Division Rumah Belajar Cicaheum, June 2024 – June 2025
Skhole-ITB Mengajar, Bandung, Indonesia
· Taught children at Rumah Belajar Cicaheum.
· Developed work programs for the Education Division.
· Executed the division's programs.
· Supervised the performance of Education Division staff.

Simulation and Mathematical Computation Laboratory Assistant, September 2024 – January 2025
Institut Teknologi Bandung, Bandung, Indonesia
· Assisted students in the Simulation and Mathematical Computation practicum.
· Designed practicum problems for the course.
· Evaluated students' preliminary assignments and final projects.

Education

Institut Teknologi Bandung (ITB) – Bandung, Indonesia
Bachelor of Science (S.Si) in Mathematics | Expected Graduation: October 2026
- **Current GPA**: 3.68
- **Relevant Coursework:** Data Analysis, Machine Learning, Probability Theory, Simulation and Mathematical Computation, Algorithm Strategies
- **Academic Honors/Awards:** Dean's List (Semester 1-2022/2023, Semester 2-2022/2023, Semester 1-2023/2024, Semester 2-2023/2024, Semester 1-2024/2025, Semester 2-2024/2025)

Skills & Abilities

- **Programming Languages:** Python, SQL, Matlab
- **Data Analysis & ML Libraries/Tools:** Pandas, NumPy, Scikit-learn, Jupyter Notebooks, Microsoft Excel (Advanced)
- **Data Analysis & Machine Learning Concepts:** Statistical Analysis, Data Visualization (Matplotlib, Seaborn), Predictive Modeling, Classification, Regression, Data Cleaning, Feature Engineering, Natural Language Processing
- **Soft Skills:** Analytical Thinking, Problem-Solving, Quick Learner, Communication

Certifications

- Memulai Pemrograman dengan Python, Dicoding Indonesia, 2025
- Supervised Machine Learning: Regression and Classification, DeepLearning.AI, 2024
- Advanced Learning Algorithms, DeepLearning.AI, 2024