ARIQAH MAULIA LISTIANI

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EDUCATION

INSTITUT TEKNOLOGI BANDUNG   **Aug 2020 - Feb 2025**

Bachelor of Science (B.S.), Physics
- Activities and societies: UBT ITB, HIMAFI ITB, KM ITB
- Scientific/expertise group : Physics of the Earth and Complex Systems

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EXPERIENCE

BANGKIT ACADEMY 2024 BATCH 2 - MACHINE LEARNING COHORT   **Sept 2024 - Dec 2024**

- Deepened my knowledge in Python, Machine Learning, Deep Learning (TensorFlow, NLP, Computer Vision), Generative AI, etc.
- Developed a growth mindset, critical thinking, problem-solving, time management, project management, and adaptability.
- Developed solutions by applying advanced technical skills to the Capstone Project [C242-VC02]- Real-time vehicle counting (V-Count).
- Worked in a cross-disciplinary team with participants from Machine Learning, Cloud Computing, and Mobile Development.
- Created business proposals that covered target market analysis, marketing strategies, timeline planning, and SWOT analysis for product implementation.

BASIC PHYSICS LABORATORY ASSISTANT - ITB   **Jan 2023 - Apr 2023**

- Guide and oversee practicum sessions for groups of 10 students per session.
- Ensure students follow proper lab procedures and safety protocols.
- Design and administer initial test questions to evaluate students' understanding before the practicum.
- Assess and grade students' work based on accuracy, methodology, and report quality.
- Teach practicum modules effectively, ensuring students grasp key concepts.
- Provide guidance and support to students experiencing difficulties during experiments.
- Offer clear instructions and direction to enhance students' hands-on learning experience.

KEY COMPETENCIES

- Python Programming
- Machine Learning
- TensorFlow
- Data-driven Decision Making
- Data collection & processing
- Data Analysis
- Adaptability and Flexibility
- Teamwok
- Communication

CERTIFICATION

- Best Team at Bangkit Company Track Capstone Project in Collaboration with Megalogic Company
- Bangkit Academy, specializing in Machine Learning
- NUS Enterprise Winter Programme in Entrepreneurship
- The Programming Workshop Python-Based Programming for Science Modelling
- Dicoding Indonesia - Learn Basic SQL
- DeepLearning.ai Machine Learning Specialization
- Myskill x Deloitte - Microsoft Excel
- RevoU - Mini Course Data Analytics
- DeepLearning.ai TensorFlow Developer Specialization
- DeepLearning.ai Natural Language Processing with Classification and Vector Spaces