

Edmichael Joil D. Fajardo

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Bonifacio Global City, Taguig, National Capital Region, 9200, Philippines

PHYSICIST, DATA SCIENTIST AND ANALYST, AI/ML SPECIALIST

Physicist, Data Scientist, and AI/ML Specialist with experience in academic and corporate settings. Skilled in data analysis, machine learning, and problem-solving, with a focus on applying AI/ML solutions for business insights and research. Strong communication and analytical skills with a proven ability to work independently.

EDUCATION

University of the Philippines, Diliman

Masters of Science in Physics, 2020 - 2024

Mindanao State University, Main Campus

Bachelor of Science in Physics, 2013 - 2017

PROFESSIONAL EXPERIENCE

Remote Freelance Data Scientist/Analyst Consultant

2021 - Present

- Built and optimized Deep Learning models for Image Classification, including CNN, BNN, and ResNet.
- Executed NLP projects using BERT for Sentiment Analysis and developed Image Processing models for background removal and human pose estimation.
- Delivered custom AI solutions using TensorFlow and PyTorch, collaborating with teams to deploy models in production.

Research Center for Theoretical Physics, Jagna Bohol

Junior Fellow

July 2024 - Present

- Designed to support Filipino graduate students doing research together with the Research Center for Theoretical Physics affiliate researchers as mentors and collaborators.
- As a Junior Fellow, I am part of the Astrophysics research department working on Machine Learning applications for Astrophysics.

Remote Workmate

AI Specialist

April 2023 - April 2024

- Evaluated and integrated AI tools to automate business processes and improve efficiency across departments.
- Developed and implemented AI training programs for remote staff, ensuring successful adoption and skill development.
- Collaborated with vendors and management, staying current with AI trends to drive continuous improvement and innovation.

Data Vanguard

Online Data Analytics and Data Science Educator

July 2023 - October 2023

- As an online educator, I design and deliver comprehensive courses in data analytics and data science.
 - I create engaging, accessible content and provide personalized support to help students master key concepts and tools.
 - My role includes developing curriculum materials, conducting live sessions, and assessing student progress to ensure effective learning outcomes.
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AFFILIATIONS AND CERTIFICATIONS

Data and Computation Research Group

GANAP, National Institute of Physics, UP Diliman, 2020 - Present

Google Data Analytics Professional Certificate

Google, 2023