Muhammad Arya Hanif

iOS Developer

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EXPERIENCE

Staff — Alumni Office UGM — Yogyakarta   04/2023 – 08/2023
- Worked as helper on career class events and FGD training.
- Main committee member of biggest job fair in UGM

Medical Physicist Intern — RSUP Dr. Hasan Sadikin — Bandung   12/2022 – 02/2023
- Performed patient specific treatment planning and QA/QC for radiodiagnostic, radiotherapy and nuclear medicine.

Lab Assistant — Electronics and Instrumentation Lab — Yogyakarta   01/2021 – 06/2021
- Responsible for updating modules and adapting it with Post COVID

EDUCATION

Universitas Gadjah Mada — Yogyakarta, Indonesia   2019 – 2024
Nuclear Engineering

Apple Developer Academy @Binus Bali — Bali, Indonesia   2025 – 2025
iOS Developer

PROJECTS

Monte Carlo Particle Transportation Simulation — https://bit.ly/NPMAryaH
- Comparing radiation dose between simulation, analytic calculation and real measurement.

Sealens — https://github.com/DMelisena/sealens_mlops
- Utilizing machine learning to count and identify fish species
- Pipelining Object Detection,image classification and Re-identification model
- Held model performance monitoring using MLflow and DVC

SKILLS

- Particle Transportation Code than a year.)
- Linux (More than 3 years experience on using it as personal computer. Used on reading documentation and forum to fix any manifested bugs.)
- Python & Data Science (Used python exhaustively as an OpenMC particle transportation code API for my thesis and is comfortable using it for data processing and visualization.)
- Web Development (Created several simple amateur projects.)
- Courseworks and Journal Documents