

Benjamin Musa

Artificial Intelligence Specialist

Certified AI Engineer offering 9 years of extensive experience and exceptional analytical and critical thinking skills. Delivers a proactive approach, great work ethic, and the ability to function well in fast-paced/deadline-driven team environments.

WORK EXPERIENCE

ValueLabs, Manila

Machine Learning Engineer (remote)

January 2021 – October 2023

- Developed algorithms to pull 3D information about the human body from 25K 2D images using mobile devices.
- Approved technical decisions for 25+ global engineering divisions while supervising 150+ engineers who designed and invented new ML algorithmic approaches

StarTechUp, Manila

Research Assistant (remote)

July 2016 - December 2020

- Developed a neural network-based object detection system that reduces 74% of false positives.
- Collaborated with a team of 30+ researchers to design a novel reinforcement learning algorithm that achieved a 13% improvement in convergence speed.
- Coded a clustering algorithm in Python for customer segmentation, leading to a 34% increase in targeted marketing effectiveness.

FPT Software, Manila

Computational Linguist

January 2015 - June 2016

- Developed a sentiment analysis model that achieved a 94% accuracy, outperforming the industry benchmark of 62%.
- Enhanced an automated text summarization system by analyzing a corpus of 1.2M+ text documents to identify patterns, leading to the discovery of 20+ key linguistic features.
- Processed and annotated a dataset of 40K+ sentences, creating a valuable resource for training language models.

CONTACT

benjamin.musa.manila@gmail.com

SKILLS

Hard Skills

AI/ML
Computer Vision
Predictive Modeling(Advanced)
Data Mining
Hyperparameter Tuning

Techniques

Software Development
Artificial Neural Network
Statistical Analysis
Image Segmentation
Image Classification
Object Detection

Tools

Scikit-learn
Python
TensorFlow
PyTorch
Numpy
Pandas
Scipy
Azure
AWS

EDUCATION

Far Eastern University

Bachelor of Computer Science
November 2014

CERTIFICATIONS

- Certification in [learnpython.org](https://www.learnpython.org/) Python Development Course
- Machine Learning Engineer Certification