

Jason A. Dolorso

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A Petroleum Engineer turned Data Scientist with an endless pursuit of knowledge and growth, leading to diverse experience in the fields of Energy, Global Supply Chain, and Analytics.

Master of Science in Data Science

*Asian Institute of Management, 3x Dean's Lister
(February 2020 - June 2021)*

Work Experience

Emerson Electric (NYSE:EMR)

Data Analyst II - Supply Chain

(May 2018 - Feb 2020)

Help drive Emerson's global Supply Chain by providing analytics on Logistics, S&OP, and Procurement, that influences decision-making across all world areas.

Responsible for assembling data, analyzing performance, identifying problems, and developing optimizations which support Supply Chain Management planning and operations.

Philippine National Oil Corporation

Engineering Trainee

(Oct 2017 - Mar 2018)

Underwent training under Petroleum and Chemical Engineers of PNOC in Renewables Corporation, Exploration Corporation and Project Management Division.

Solaren Renewables Solutions Corp.

Regional Sales Engineer

(Dec 2016 - Dec 2017)

- Sought for clients interested in Solar Power System for the Province of Palawan.
- Supervised solar projects in design and installation.

Projects (more details at <https://jasondolorso.github.io/>)

Beating The Philippine Stock Market

A Machine Learning approach to portfolio management that utilizes Random Forest algorithm resulting to a CAGR of 31% (vs PSEi: -2.8%) over a 2016-2020 simulation.

CassavAI: Cassava Leaf Disease Detection using Neural Networks

Detection of 4 types of disease in Cassava leaves using Convolutional Neural Networks resulting to an accuracy of 88.60% which can help improve yield crops and mitigate losses to farmers incurred by the disease.

Call of the Forest: Detection of Animal Species in Tropical Soundscapes

A Big Data (57 GB) project that classifies animal species in forest sound recordings through Neural Networks through Cloud Computing (Amazon Web Services), that can be used to assess forests' health and biodiversity.



Education

BS in Petroleum

Engineering

*Palawan State University
2013 - 2018
(3x Dean's Lister)*

Expertise

Data Science and Analytics
Machine/Deep Learning
Data Mining
Data Engineering
Supply Chain Management

Python
SQL
Amazon Web Services
Power BI
Tableau

Awards and Certifications

Learn Award

Emerson Electric:
Problem Solving
in Action 2019

Discover Award

Emerson Electric:
Problem Solving
in Action 2019

ISO 9001:2015

Certified Internal
Quality Auditor

SPE International

- HSE Management for
Oil and Gas Industry
- Well Logging and
Workover Techniques