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JASON A. DOLORSO

Data Scientist | Digital Transformation Strategist

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GROWTH-FOCUSED DATA SCIENTIST with expertise in data mining, data engineering, machine learning, and deep learning algorithms. Able to quickly comprehend and learn new trends and methodologies; delivers consistently good results working with cross-functional teams and solving complex problems to drive value creation. Has developed digital transformation roadmaps for public and private companies, and innovation strategies for multinational conglomerates. Well versed in Python, SQL, Power BI, Tableau, and Amazon Web Services (AWS). Core competencies include:

- Machine Learning
- Deep Learning / Neural Networks
- Big Data / Cloud Computing
- Data Engineering

- Data Mining and Wrangling
- Data Visualization
- Interactive Web Applications
- Predictive Modeling

- Qualitative / Quantitative Research
- Innovation Management
- Digital Transformation
- Supply Chain Management

UNDERTAKEN PROJECTS

- **Beating the Philippine Stock Market**
  Machine Learning approach to portfolio management that utilizes Random Forest algorithm resulting in CAGR of 31% (vs PSEi: -2.8%) over 2016-2020 simulation.

- **CassavAI: Cassava Leaf Disease Detection using Neural Networks**
  Detection of four (4) types of cassava leaves disease using Convolutional Neural Networks resulting to 89.40% accuracy to mitigate losses and improve crop yield.

- **Improvement of Purchase Price Variance (PPV) Approval Process**
  Kaizen project to optimize critical approval process that mitigated risk of $530M for a Fortune-500 company.

  Full data science portfolio at jasondolorso.github.io

PROFESSIONAL EXPERIENCE

Private Consultancy   Feb 2020 - Present

- Innovation Framework and implementation plan to fill the growth gap of $69 million (net income) in the next 5 years for a Latin American Health and Wellness company.
- Crafted a Digital Transformation Roadmap for a publicly listed chemicals manufacturing company, including, but not limited to, Data Governance Strategy, Data Science adoption plan, and prioritization of lighthouse projects.

Emerson Electric Co. (NYSE:EMR) | Manila, Philippines
Data Analyst II – Supply Chain   May 2018 – Feb 2020

- Drove Emerson's global supply chain by providing data analytics on logistics, S&OP, inventory, and procurement to enable data-driven decision making for the company's $2.7 billion product line across all geo locations.
- Led the Quality Management System of the entire global supply chain department (115 headcount) to ensure the alignment of all processes, responsibilities, and documentations with the organization's core strategic direction; achieved 100% audit compliance.

EDUCATION & CERTIFICATIONS

Master of Science in Data Science
Asian Institute of Management | Makati, Philippines | June 2021
currently pursuing, 3x Dean's Lister

Bachelor of Science in Petroleum Engineering
Palawan State University | Puerto Princesa, Palawan, Philippines | 2018
3x Dean's Lister

Certified Internal Quality Auditor | ISO 9001:2015 | 2019
Associate (Level 1) Certification | Global Innovation Management Institute | 2021