Bengielyn Mae A. Danao

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Identity Statement

Bengielyn is dynamic, flexible, goal-driven and passionate about delivering growth and competitive advantage to businesses through data science. She is proficient in analytical tools and in leveraging advanced technology for building models and communicating insights. She loves solving problems across multiple disciplines and has a strong desire to learn. She is currently seeking a job opportunity to explore and enhance her technical / business knowledge.

Key Skills

Technical Skills
- SQL, Python (Pandas, Matplotlib, Scikit Learn, Tensorflow, Keras)
- Basic Web Development (HTML, CSS, JavaScript)
- Machine Learning Frameworks
- Data Mining and Wrangling
- Big Data and Cloud Computing
- Statistical Data Analysis
- Mathematical Modelling
- Geospatial Analysis
- Natural Language Processing
- Data Warehousing and ETL

Management Skills
- Data Visualization/Storytelling
- Project Management
- Strategic Planning
- Negotiating/Networking
- Presentation/Communication
- Team Management

Professional Development

Apprenticeship, Sustainable Materials Laboratory UP Diliman
Certificate, Data Storytelling for Business, DataSeer
Lecturer, AIM MSDS Data Visualization Masterclass
Secretary, AIM Analytics Club

Significant Skills
- Data Science
- Business Analytics
- Research
- Supply Chain & Logistics

Languages
- English, Filipino, Cebuano Bisaya

Education

2019 - 2020	**Master of Science in Data Science** Asian Institute of Management Capstone: Predicting Credit Default for Microfinance Institutions 2020
2011 - 2016	**Bachelor of Science in Materials Engineering** University of the Philippines Diliman 2016

Work Experience

Chevron Philippines   2017 - 2019
Procurement and Supply Chain Specialist
- Provide supply chain support as a category manager and project manager for different operating groups (drilling, lubricants, and refinery).
- Manage the enterprise-wide operating groups' procurement process for assigned commodities/services and capital projects. This includes global market research and price/cost analysis.

Key Achievements
- Shifted time spent making transaction reports into efficient analysis and faster decision making through the creation of a report tool/dashboard.
- Reduced the team's turnaround time for projects by initiating improvement in processes and procurement strategies.

Maersk Supply Service   2016 - 2017
Materials Buyer
- Prepare strategies and execution plans to oversee the full array of materials buying and procurement functions – from purchasing, quality control, traffic and logistics, to catalog master data management.

Key Achievements
- Significantly reduced off-contract spend by managing the elimination of free text requests and enforcing catalog utilization – guaranteeing procured items are covered by existing negotiated prices.
- Increased savings by 25% on provision items by launching an improved ordering process leveraging on forecasting and supplier management.

NXP Semiconductors (NEXPERIA Philippines Inc.)   2015
Quality and Reliability Engineering Intern
- Analyze failure reports, solve quality issues, and propose improvements of production line processes

Key Achievements
- Promoted early detection of defects by designing material testing methods in every step to measure reliability of devices and maintain industry standards.

Relevant Data Science Projects

Plant Disease Classification through Artificial Intelligence
Visualizing Feature Maps and Unboxing Convolutional Neural Networks
Predicting Winning Political Candidates from News Tone
Painting/Artist Identifier Web Application
Speaker Accent Classifier Web Application
Predicting XAU-USD Forex Prices Using Machine Learning
Identifying Suicide Attempt Predictions with Machine Learning
Identifying Change in Topic Trends of FHM Articles Using Unsupervised Clustering
Leechiu Property Consultants Digital Marketing Strategy Analysis
Data Strategy Assessment of the *Banko Sentral ng Pilipinas (BSP)*