

Michelle Kae Celine Jo-anne Bantugon
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Education

Master of Science in Business Analytics

08/2024

Hult International Business School | San Francisco, California
Dean Lister Fall 2023

- Relevant Courses: Data Management & SQL, Business Statistics, Python for Data Analysts, R, Tableau, Business Analysis with Structured, Unstructured Data, Data Visualization, Visualization Tools, Analyzing Data Sets, Business Modeling and Optimization, Tableau, Machine Learning Algorithms, Predictive Modeling, Natural Language Processing
- Project on Wedding Vendors with Sustainable Practices: Database Development, Collection, Cleaning, Transforming, Database design and entity-relationship model, Designing Data Models, SQL Analysis, Report and Dataset Generation, Python Analysis, Business Case Analysis, Insights and Recommendations
- Text Adventure Game Development (Escape Room inspired) using Python, Kaggle Competition for Machine Learning (Rank 6th among class)
- Developed machine learning model that predicted the number of bike rentals, birthweight, Facebook engagement (cluster and segmentation)
- Keyword Analysis using NLP and machine learning model development using Air France Marketing data
- Sentiment Analysis, NLP of AirBnb dataset

Bachelor of Science in Chemical Engineering

06/2018

Batangas State University | Batangas, Philippines

- Concentration in Energy, Engineering Computation, Process Analysis and Control, Transport Processes Environmental, Manufacturing Design; Minored in Economy, Laws and Ethics, Process Safety, Statistics, Chemistry, Computer Programming

Relevant Experience

JG Summit Olefins Corporation | Batangas, Philippines

03/2019 to 08/2023

Associate Process Automation Engineer. Provided process control engineering support for safe operations, led technology upgrades and implemented engineering solutions. Pioneered Agile Projects and spearheaded project commissioning

Agile Project Owner, Conversion of Graphics to High Performance Human Machine Interface (HPHMI)

Batangas, Philippines | 01/2023 to 08/2023

- Attained an impressive **18% increase in abnormal detection rates within a month** of HPHMI implementation, significantly improving plant efficiency

Technical Skills

Software: Microsoft Excel; R; SQL; Tableau; Python; Canva; Honeywell EPKS/PLC/ESD, UNIPOL Advanced Process Control System, Plant State Suite (Hexagon), Allen-Bradley ControlLogix PLC, Honeywell HMI Web Builder, SAP S/4 HANA, SQL Server Management Studio, Networking with Windows Server 2016, AutoCAD

Certifications: Chemical Engineer, SQL, Python, R, Statistics, Tableau, ShinyApp

Languages: English (Native), Filipino (Native), Spanish (Beginner)