ÁNGEL L. ALEJANDRO-QUIÑONES

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EDUCATION

Data Analytics Boot Camp Certification – *Awarded August 2019*

- Rice University, Houston, TX

Ph.D. Physics – *Awarded May 2006*

- University of Houston, Houston, TX

MS Physics – *Awarded Dec. 2002*

- University of Houston, Houston, TX

BS Physics Applied to Electronics – *Awarded May 1999*

- University of Puerto Rico, Humacao, PR

SKILLS

- Proficient quantitative skills, Strong analytical capability
- Self-starter with strong motivation
- VaR, Stress-Testing, Sensitivity Analysis, Monte Carlo simulations
- ***Application Software:*** VS Code, Jupyter, Pandas, Matplotlib, SciKit-Learn, Keras, Heroku, Flask, MySQL, Tableau, Excel
- ***Programming Languages:*** Python, Matlab, C, VBA
- ***Operating Systems:*** Windows, Linux
- ***Languages:*** Fluent in English and Spanish

BOOTCAMP EXPERIENCE

- Employ statistical analysis and visualizations to provide insights about data sets.
- Gather, cleanse and transform data for project and reporting.
- Build web apps and dashboards to show project results.
- Projects
  - https://globalenergy.herokuapp.com
  - https://bbmicrobiome.herokuapp.com/
  - https://blindness-detection.herokuapp.com
  - https://public.tableau.com/profile/angel.alejandro#!/vizhome/HW20_Tableau/Story

WORK EXPERIENCE

Uniper Global Commodities NA

Sr. Risk Analyst **2016-2019**

- Issue daily mark to market P&L for natural gas portfolio.
- Reporting of natural gas portfolio positions and new trading activities.
- Monitor portfolio compliance with Risk Mandates.
- Maintenance and valuation of natural gas storage models.
- Valuation of potential deals for gas transport capacity and renewable assets electricity generation.

Black & Veatch

Senior Consulting Analyst **2015-2016**

- Independent technical/environmental due diligence services associated with acquisition of power plants and oil & gas infrastructure assets.
- Review of the Module Supply Agreements, Tracker Supply Agreements and Inverter Supply Agreements for independent engineering due diligence services.

GDF SUEZ Energy NA

Risk Control Analyst/Sr. Risk Control Analyst **2011-2015**

- Issue mark to market P&L and Value at Risk (VaR) reports for power and gas trading portfolio.
- Maintenance of VaR module and back-testing of VaR model to ensure accuracy.
- Development of an ad-hoc VaR model to facilitate the risk assessment for new proprietary trading strategies and retail portfolio.
- Development of stress-test model for trading portfolio.
- Monitor portfolio compliance with risk limits mandates.
- Validation of forward curves against broker quotes.
- Maintenance and valuation of exposure models for power generation assets.