ÁNGEL L. ALEJANDRO-QUIÑONES

angelalejandro@gmail.com | 832-597-0028

Personal Website | LinkedIn Profile | Github | Tableau Public

---

SKILLS

- Strong quantitative and analytical skills
- Self-starter with aptitude for learning new disciplines or tools
- Employ statistical analysis and visualizations to provide insights about data sets.
- Extract, Transform, Load (ETL) big data for analysis and reporting.

- **Languages/Software/OS:** Python, Matlab, C, VBA, JavaScript including D3.js, SQL, Git, Bash, Anaconda, Windows, Linux
- **Python Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Flask, Flask-SQLAlchemy, SQLAlchemy, Gunicorn, Beautifulsoup, PyMongo, OpenCV
- **BI Tools:** Tableau Desktop, Tableau Public
- **Mathematical Knowledge:** Monte Carlo Simulations, Linear Algebra, Time Series Analysis

- **IDE:** VS Code, Jupyter Notebook
- **Machine Learning:** SciKit-Learn, Keras, Tensorflow, Regression Models, Convolutional Neural Networks (CNN)
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite
- **Web Dev:** HTML, CSS, Bootstrap, Heroku, Mapbox, Gmaps, API, Web-scraping, Selenium/chromedriver, GeoJson, Leaflet.js
- **Financial Models:** Value@Risk, Stress-Testing, Sensitivity Analysis
- Fluent in English and Spanish

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.
- Ensuring trading activities remain within mandated exposure and risk limits.
- Development and maintenance of gas storage models for all portfolio locations.
- Valuation of transport and storage capacity to support origination group initiatives.
- Conduct statistical analysis of historical prices for natural gas and electricity markets.
- Performed valuation of contracts for wind and solar farms generation capacity.

ÁNGEL L. ALEJANDRO-QUIÑONES

angelalejandro@gmail.com | 832-597-0028
[Personal Website](#) | [LinkedIn Profile](#) | [Github](#) | [Tableau Public](#)

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.

EDUCATION

Data Analytics Boot Camp Certification - Rice University, Houston, TX

Ph.D. Physics - University of Houston, Houston, TX

MS Physics - University of Houston, Houston, TX

BS Physics Applied to Electronics - University of Puerto Rico, Humacao, PR