

# ÁNGEL L. ALEJANDRO-QUIÑONES

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[Personal Website](#) | [LinkedIn Profile](#) | [Github](#) | [Tableau Public](#)

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## SKILLS

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- 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, Unicorn, 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

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### 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.

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## 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

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**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