

# Anas Kouri

Brooklyn, NY|(929)-326-9154|anas.kouri82@bcmail.cuny.edu|[LinkedIn](#)|[Portfolio Website](#)

## EDUCATION

### Brooklyn College - CUNY

Master of Arts in Computer and Information Systems (3.82/4.0)

Recipient of Rose Goldstein Memorial Scholarship

### University of Poitiers

Master of Engineering in Energy Systems and Technology

Master's degree in management

Brooklyn, NY

Jan 2023

Poitiers, France

Dec 2020

Dec 2020

## WORK EXPERIENCE

### Stellantis

Data-Driven R&D Engineer

Paris, France

Jul 2020 - Dec 2020

- Streamlined the development process of ICE and electric vehicles using Transfert Path Analysis, resulting in an average 5% improvement of NVH characteristics and 10% low CO2 emissions.
- Collaborated with 15 cross-functional teams to implement data-driven optimizations, resulting in more sustainable vehicles that showcased a 7% improvement on performance metrics.
- Performed cost-benefit analysis across 5 ICE and 3 EV vehicles, driving a 20% improvement in design initiatives while concurrently decreasing development cycle by 3 months.

### Liebherr Aerospace

Data-Driven R&D Engineer

Toulouse, France

May 2019 - Oct 2019

- Optimized aircraft AC noise source identification through data analysis and process automation, leading to halved FTEs hours and a 2% acceleration in the design certification process.
- Generated customer satisfaction increases for major manufacturers like Airbus and Boeing by constructing quieter aircraft designs.
- Secured an additional €500K in research funding by successful execution of maintenance cost reductions from innovative solutions.

## PROJECT EXPERIENCE

### Brooklyn College - CUNY

Renewable Energy Analysis and Visualization Web App

Brooklyn, NY

Sep 2022 - Nov 2023

- Employed SQL, Excel and Python Plotly to gather & analyze data from multiple energy sources, leading to identification of untapped renewable energy transition opportunities.
- Produced effective user-friendly visual representations illustrating optimal choice of energy & services for high-impact transition within regional networks.

### Brooklyn College - CUNY

Global Energy Investment Analysis

Brooklyn, NY

Sep 2022 - Nov 2023

- Created interactive Tableau Dashboard for global energy investments, displaying data over 7-year span to identify market trends and changes, yielding valuable insights.
- Facilitated easy analysis & retrieval of data by launching data visualization tools showcasing investment flows across countries in USD billion, increasing accuracy & productivity by 75%.

## LEADERSHIP EXPERIENCE

### University of Poitiers

Co-creator of Campus-wide waste management system

Poitiers, France

Sep 2017 - Dec 2020

- Launched comprehensive campus-wide waste management system, engaging 500+ students in reducing environmental impact and improving sustainability.
- Developed and propagated sustainable habits among students through introducing educational initiatives on eco-friendly habits, leading to 60% year-on-year improvement in composting efforts.

## SKILLS

**Programming Languages:** Python (scikit-learn, seaborn, numpy, pandas), SQL (PostgreSQL, MySQL), VBA, MATLAB

**Data Visualization tools:** Tableau, PowerBI, Excel (Pivot Table, VLOOKUP, Nested if), Dash, Plotly

**Technical & Analytical Proficiencies:** Agile Methodologies, AI/ML, Time Series Analysis, Git, Autocad, Revit

**Industry Expertise:** Data Analysis, Project Management, Energy systems, Energy Market Analysis, Databases, Statistics

**Certifications:** [Google Data Analytics Professional Certificate](#), various data analysis certifications on Coursera/Udemy