

# ANAS KOURI

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## EXPERIENCE

### STELLANTIS

Paris, France

#### Research & Development Intern

July 2020 – Dec 2020 (6m)

- Engineered transfer path analysis to reduce Noise & Vibration development cycle time by 30% on Peugeot, Citroen and DS cars, leading to \$2M+ in cost savings and unlocked research funding
- Developed predictive modeling and analytical insight generation capabilities to reduce product variants development time and time-to-market by 35%
- Presented findings and improvements to multiple cross-functional teams of 10+ engineers, improving QA and process centralization across the company

### LIEBHERR AEROSPACE

Toulouse, France

#### Research & Development Intern

May 2019 – Oct 2019 (6m)

- Improved identification of aircraft AC noise sources, leading to new generation of quieter aircraft manufacturing
- Automated air conditioning noise analysis in aircrafts using nCode Vibesys, reducing analysis FTE needs by 50%, and unlocking additional research funding
- Reduced aircraft and design certification times by 2% through analysis automation and insight generation, as well as maintenance costs per noise detection technology

## EDUCATION

### BROOKLYN COLLEGE – CUNY

Brooklyn, NY

Master of Science in Computer and Information Systems (3.93/4.0)

2021 – 2022

Recipient of Rose Goldstein Memorial Scholarship

- **Relevant Coursework:** Machine Learning, Business Analytics, SQL & Big Data, Probability & Discrete Maths
- **Projects:**
  - **Renewable Energy Dashboard:** Developed a Python web application (Dash, Plotly) to forecast renewable energy growth trends, detect energy mix change opportunities and visualize these insights
  - **COVID-19 Data Exploration and Data Visualization:** Built a Tableau dashboard showing COVID-19 impact around the world, leveraging various sources of data consolidated through ETL
  - **Credit Card Applications:** Engineered machine learning-based classifier in Python for credit card application approval odds with 90% Recall

### UNIVERSITY OF POITIERS – ENSI POITIERS

Poitiers, France

Master's Degree in Management

2019 – 2020

- **Relevant Coursework:** Marketing, Project Management, Corporate Finance

Master of Engineering in Energy and Systems Technology

2018 – 2020

Bachelor of Engineering in General Engineering

2015 – 2018

- **Relevant Coursework:** Statistics, Renewable Energies, Mechanical and Industrial Engineering, Thermodynamics
- **Projects:**
  - **Green'Sip, Intelligent management system for waste collection:** Co-creator of campus-wide waste management system, influenced recycling awareness amongst students, and reduced waste amounts sent to landfills by 30%

## ADDITIONAL INFORMATION

- **Areas of Expertise:** Machine Learning, Business Intelligence, Data Analysis, Renewable Energies
- **Technical Skills:** Python, SQL (Postgre, MySQL, BigQuery), MATLAB, Heroku, Git, Linux, nCode, NVGate-OROS, Simcenter Testlab
- **Certifications:** Google Data Analytics Professional Certificate ([tinyurl.com/ggl-analytics-certif](https://tinyurl.com/ggl-analytics-certif)), various Data Science/Analysis certifications on Coursera
- **Languages:** French (native), Arabic (native)
- **Leadership:** Co-creator of campus-wide waste management system
- **Interests:** Photography, traveling, soccer, tennis and table tennis