Kaci MAKOUR

Data Scientist

CONTACT

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Portfolio : link here
Location: Paris & IDF region

SKILLS

Model interpretability
Image and text processing.
Time series.
Geospatial data.
git.
Data applications.

Machine Learning.
Deep Learning.
Statistics.
SQL / NoSQL.
Anomaly detection.
Game theory.

PROGRAMMING LANGUAGES

Python : sklearn, lgbm, xgboost, shap, keras, pyspark , opencv, nltk, geopy, Plotly.

Data basis : MongoDB, SQL.

Industrialization, web app & Dashboards: Docker, Flask, Dash, Streamlit.

HOBBIES

Ghibli Studio movies.
Hiking.
Swimming.

PROFESSIONAL EXPERIENCE

Data Scientist,
IQera France | Oct 2020 - today

- **Modeling**: Prioritization of BNPP Personal Finance payers, segmentation of files to be reactivated in internal stock, clustering of payment sequences and study of payment drop profiles.
- **Simulations and Pricing**: creation of algorithms for simulating cash flows and costs linked to file typologies, internal and external processes, cash collection histories and macro-economic conditions.
- **Automation and Data Engineering**: Extraction and textual normalization of addresses and enrichment of cadastres, creation of an application in Streamlit for aggregating controls for internal auditing, creation of a PROC SQL parser for internal code analysis, automation of bank statement processing with OCR and textual rules.
- **R&D and Data App:** Creation of a constraint tree model (from scratch) in a Flask application for binary classification and ranking, creation of a portfolio pricing and cost sequencing application with Dash Plotly.

INTERNSHIPS AND SUMMER SCHOOLS

- **Planisware France | April 2020 - October 2020**: Creation of a task entry anomaly detection model within the Planisware software for better estimation of activity costs and loads.

- **Amadeus France | June 2019 - Apr 2020 (6 months)**: Creation and integration of a bug prediction model on Amadeus' Bitbucket platform and highlighting hot spots (code areas with several bugs histories) for better test coverage and higher attention from developers when modifying those parts.

- **Siemens & TUM Munich | Sep 2019** : Creation of a hand gesture recognition game using LEAP sensors in 24 hours (hackathon).

- **HSBC France | Sep 2018 - Apr 2019** : creating a churn model to qualify the efficiency of a marketing action using uplift models.

EDUCATION

IMT Atlantique - Brest
Master's degree in Data science | Sep 2018 - Oct 2020
- **Scolarship of excellence** awarded by l'institut Mines Télécom. **GPA 4/4**

Ecole Polytechnique d'Alger
2 years of electrical engineering degree | Sep 2016 - Sep 2018
- **Honors**.

EPST Alger : Preparatory school in STEM
Pre engineering degree | Sep 2014 - Sep 2016
- **Ranked 1st** on the national scale for entrance exams to engineering schools.

Highschool degree in mathematics
June 2014
- **Honors**.