Michal ROLIRAD
MACHINE LEARNING
AND CLOUD ENTHUSIAST

PROFILE

I use my competences in projects in the field of Big Data and Artificial Intelligence, such as searching for anomalies or creating recommendation systems.

I am able to retrieve data from SQL or NoSQL database and carry out analysis using ML algorithms.

CONTACT ME

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ADDITIONAL INFORMATIONS

Nationality : Polish
Driving License : B

LANGUAGES :

- Polish : mother tongue ;
- English : advanced ;
- French : intermediate ;
- German : beginner

TECHNOLOGIES

- Python, Numpy, Pandas, Matplotlib, Scikit Learn
- SQL, PostgreSQL, MongoDB, Git, Ubuntu
- foundations of AWS, foundations of Docker

PROFESSIONAL CAREER

MARCH – OCTOBER 2022 – DATA ANALYST IN CUX
https://www.cux.io

My responsibilities included taking data from the MongoDB database hosted on OVH Cloud using Jupyter Notebook and the PyMongo library, transforming it into pandas DataFrames and analysing it for anomalies. I used both the relevant ML algorithms, e.g. Isolation Forest, to conduct the analyses, and also examined deviations from the mean by 2 or 3 standard deviations. I stored the results back into the relevant collections in MongoDB.

2021   INTERNSHIP (300 HRS) – MIMBUS
https://www.mimbus.com/

It was my responsibility, using Personaliser (one of Microsoft's Azure Cognitive Services), to develop the concept of an autonomous teacher who, with the right datasets, could recommend specific exercises to people preparing for technical professions, tailored to their skill level.

TRAININGS AND CERTIFICATES

AUGUST 2022 – AWS CERTIFIED CLOUD PRACTITIONER

FEBRUARY 2022 – PROFESSIONAL IBM DATA SCIENCE CERTIFICATE

2021 – JAVA TRAINING (3 MONTHS) – LDNR
Training financed by Occitanie region
https://www.ldnr.fr

Learning JAVA and languages like HTML/CSS/Javascript.
Learning database and IT project management.
Realization of tutored projects in groups and in remote collaborative work.

2019 - 2020 PROFESSIONAL PROJECT VALIDATION
Self-learning (online-courses) of Python and libraries like Numpy, Pandas, Matplotlib and Scikit Learn.

2019 – 2020 FRENCH LANGUAGE COURSE
French Language Course for Foreigners