Kovila Pauvaday

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LANGUAGES

- English (bilingual)
- French (bilingual)

TOOLS

- Python
- Scikit-Learn
- Pytorch
- SQL
- Mlflow
- NLTK
- Gensim
- Beautifulsoup
- MongoDB
- Hadoop
- Java
- Git
- Docker
- Elasticsearch
- Kibana
- Tableau
- C
- BluePrism
- Power Automate

EDUCATION

2022 -2024
Télécom Paris

MASTÈRE SPÉCIALISÉ IN DATA SCIENCE & AI
- machine learning, deep learning (CNN, LSTM), generative models, transformers, NLP, recommendation systems, anomaly detection
- statistics, econometrics
- databases, nosql, hadoop, web scraping
- projet with Veolia: timeseries drift detection for predictive maintenance; application of statistical algorithms

2016 - 2018
Sorbonne Université, Paris

MASTER COMPUTER SCIENCE
- advanced algorithms and complexity analysis
- concurrent, reactive and distributed programming
- operating system, advanced compilation
- software architecture for complex, self-adaptive systems (java)
- project with IRCAM: development of a tool for visualization and graph analysis (Java)

2013 - 2016
Université de Bordeaux

BACHELOR COMPUTER SCIENCE
- programming in C, Java (OOP), Lisp,
- data structures, algorithms, databases
- operating system, compilation
- syntax analysis: parser implementation

WORK EXPERIENCE

09/2023 - 03/2024
Oney Bank, Groupe BPCE, Paris

DATA SCIENTIST INTERNSHIP - NLP
- Application of NLP and ML models to bank transaction descriptions for value extraction
- Analysis and visualisation of Open Banking indicators
- Tools: Python, Pandas, Scikit-learn, Gensim, NLTK, Mlflow, Azure ML Studio

11/2018 - 11/2020
Accenture, Paris BNP Paribas mission

SOFTWARE ENGINEER
- Design, development, testing and deployment of robotic automation banking processes
- Prototyped an RPA process monitoring pipeline with dashboards allowing for real-time visualisation of the execution.
- Tools: BluePrism, Elasticsearch and Kibana

02/2018 - 08/2018
Accenture, Paris BNP Paribas mission

ROBOTIC PROCESS AUTOMATION INTERNSHIP

ADDITIONAL ACTIVITIES

- Machine Learning - Coursera - Stanford University (03/2022)
- Quantum Computing and Quantum Internet - edX - Delft University of Technology and QuTech (05/2021)