



LEON DOUNGALA

AI/ML Engineer / Data Scientist



EDUCATION

MSc in Computer Engineering and Automation, Artificial intelligence

eCampus University , Come , Italy

Sep 2022 - Jul 2024

Double Master's in Data Science

Rome Business School , Rome , Italy

International University of Valencia , Valencia , Spain

Apr 2021 - Apr 2022

Bachelor's Degree in Electronic and Computer Engineering

Ferrara University , Ferrara , Italy

Sep 2015 - sep 2020



SKILLS

- **Programming:** Python, Java, R, C++, SQL, Scripting, Web Development, Software Engineering
- **AI & ML:** Classification, Regression, EDA, ML, Python Libraries , NLP , Computer vision , Model
- **Deep Learning:** Fundamental Expertise.
- **Data Visualization:** Matplotlib, Seaborn, PowerBI, Tableau
- **AWS:** Glue, S3, SageMaker.
- **Database:** SQL , Oracle
- **Communication & Problem Solving:** Data Storytelling, Report Writing, Presentation, Analytical Thinking.
- **Version Control:** GitHub.
- **Practical Skills:** Personal portfolio with AI & ML projects, hands-on application, real-world problem-solving.



CERTIFICATIONS

- Certificate in Python Programming
2023 | Michegan university
- Certificate of dashboarding with tableau
ENSAE - ENSAI formation continue



LANGUAGES

- **French (Native)**
- **Italian (, C2 Bilingual)**
- **English (B2 , Intermediate)**

(+39) 32 93 67 00 86

(+352) 691 335 011

4 Rue John Ernest Dolibois
Differdange , Luxembourg

Viale G.Marconi 50 , Tradate, Italy

doungeala.leon@gmail.com

LeonDoungeala22

My portfolio projects

leon-doungeala

ABOUT ME

Completing an MSc in Computer Engineering and Automation, specializing in AI, and three years of focused software development experience, I am eager to join a dynamic team. Proficient in model development and algorithm optimization, I also hold a Master's in Data Science, fueled by a fervent passion for contributing to impactful advancements in the field of Artificial Intelligence.

WORK EXPERIENCE

Software Developer & Entry Level Data Scientist Apr 2022- Nov 2023

EURONEXT , Italian Stock Exchange | Milan , Italy



- Achieved 100% goals in web design, development, and maintenance
- Managed incidents effectively with Jira.
- Demonstrated expertise in AWS, Python Spark, Glue, and SageMaker.
- Scripted Python code for process automation , optimizing machine learning models by 8%.
- Collaborated on SQL DataMarts using Workbench and Athena.
- Utilized Content Server OScript for backend development,
- highlighting proficiency in GitHub.

Developer Analyst Salesforce Jul 2020 - Dec 2021

LUTECH | Milan , Italy



- Salesforce Developer: Apex, SOQL , SQL, Visualforce.
- Proficient in Object Management, Page Layouts, and Permissions.
- Experienced in Change-sets Deployment and Error Analysis.
- Marketing Cloud for strategic communication.
- Skilled in Process Builders, Code Analysis, Data Loader.
- Strong emphasis on Testing for reliable solutions.

HCM Oracle Consultant Intern Sep 2019 - Feb 2020

ORACLE | Milan , Italy



- SQL / Oracle SQL
- Oracle fusion Reporting and BI
- Interfaces, Integrations, Web ADI, Unix Shell
- HCM cloud outbound integrations using BI Publisher, HCM extracts & OTBI reports
- Web services
- Taleo client connect

REFERENCES

SIMONA MENGHINI

Communications Director , Oracle Italy

Phone: (+39) 335 684 0902

ORACLE Email : simonaumberta@gmail.com

Simona Menghini

HOBBIES



Bass Guitar player



Running



Artificial Intelligence

LEON DOUNGALA

AI/ML Engineer / Data Scientist

SKILLS & COMPETENCIES

- Proficiency in **Python** and **R** programming languages such as **C++**, **Java**, Web Dev, Shell
- Knowledge of **machine learning algorithms** and libraries
- Experience with data pre-processing and cleaning
- Ability to analyze and interpret complex datasets
- Familiarity with big data platforms and tools, such as **Spark**
- Proficiency in **SQL**, **Oracle** and database management
- Experience with **deep learning** frameworks like **TensorFlow** or **PyTorch**
- Understanding of **predictive modeling** and **statistical analysis techniques**
- Ability to implement and maintain machine learning pipelines
- Knowledge of state-of-the-art machine learning techniques
- Knowledge of **computer vision** and **OpenCV**
- Experience with data visualization tools, such as **Tableau** or **PowerBI**, **Sklearn** and **Seaborn**
- Strong problem-solving skills
- Ability to work collaboratively with data scientists and software engineers
- Experience in monitoring and **evaluating machine learning models**
- Understanding and hard skills of **software development methodologies** tools and languages
- Familiarity with cloud platforms like **AWS (Glue , S3 , SageMaker , Data Ingestion)**, Google Cloud, or **Salesforce**
- Knowledge of Natural Language Processing (NLP)
- Understanding of reinforcement learning
- Familiarity with version control systems like **Git**
- Strong communication skills
- Ability to translate complex findings into understandable insights.

PERSONAL PROJECTS

 [My portfolio projects](#)

1 - Practical AI / ML / DL / Data Science Portfolio (Oct 2023 - Present)

A comprehensive AI and ML program encompassing Python, mathematics, and foundational ML. Topics covered range from advanced ML, computer vision, NLP, and reinforcement learning to project implementation, model deployment, and considerations in AI ethics.

- **GitHub:** [link_to_repository](#)
- **Skills:** Proficiency in AI and automation solutions.
- **Languages:** Python and AI and ML Libraries.

3- Student Enrollment Web App (Oct 2022 - Oct 2022)

JavaEE-based MVC web app facilitating student course enrollment.

Features: Secure enrollment, efficient record management.

- **GitHub:** [link_to_repository](#)
- **Skills:** Web development using Java EE, UML.
- **Languages:** JavaEE, SQL.

4- Automated XSD Data Extraction Script (Mar 2023)

Python script automating XSD data extraction to CSV.

Handles simple and complex data types using 'xml schema' and 'pandas'.

- **GitHub:** [link_to_repository](#)
- **Skills:** XSD data extraction automation.
- **Languages:** Python, Automation.

5- Thesi in MSC : Artificial Intelligence and Machine Learning Techniques for the Characterization and Prediction of Diabetes

LEON DOUNGALA

AI/ML Engineer / Data Scientist

(+39) 32 93 56 00 86
(+352) 691 335 011
doungala.leon@gmail.com

Viale G.Marconi , 50 , Tradate , Italy
4 Rue John Ernest Dolibois Differdange , Luxembourg
Driving license B , Personal vehicle

My portfolio projects
LeonDoungala22
leon-doungala

My portfolio projects



Leon Doungala

AI/ML Engineer | Data Scientist

in

AI / ML and Data Science Portfolio

HR Analytics

Human Resources Analytics

Algorithm: PCA and Kmean clustering

[View on GitHub](#)

Diabetes Prediction and Characterization

Algorithm: Ensemble Learning , Random forest , AdaBoost , XGBoost

[View on GitHub](#)

Customer Segmentation

Exploring Customer Segmentation

Algorithm: K-Means Clustering

[View on GitHub](#)

Heart Disease Prediction

Algorithm: SVM , NLP

[View on GitHub](#)

Sentiment Analysis on IMDB Movie Reviews

Algorithm: Bernoulli Naive Bayes

[View on GitHub](#)

Breast Cancer Classification

Algorithm: K-Nearest Neighbors (KNN)

[View on GitHub](#)

Salary Prediction

Algorithm: Linear Regression

[View on GitHub](#)

Credit Card Fraud Detection

Algorithm: Decision Trees Classifier

[View on GitHub](#)

Predicting Housing Prices

Algorithm: DecisionTree Regressor

[View on GitHub](#)

Spam Email Classification

Algorithm: Logistic Regression

[View on GitHub](#)