Armel SOUBEIGA

07.68 .24 .93 .23

E-mail: armelsoubeiga93@gmail.com

<div style="border:1px solid blue">

ML Engineer | AI DevOps

</div>

PERSONAL PROJECTS

GitHub: you can consult my open-source projects and follow my interventions in the communities of developers of open-source solutions via this link: **https://github.com/armelsoubeiga**

Web: you can get to know more about me and my work through this link: **https://armelsoubeiga.github.io/**

Blog: you can see all my publications related to artificial intelligence: **http://armelsoubeiga.pythonanywhere.com/**

PROFESSIONAL EXPERIENCES

Since 03/2022 **Clermont-Ferrand, France**	**PhD Candidate in Machine Learning | ML Researcher** at LIMOS LIMOS is Laboratory of Informatics, Modelling and Optimization of the Systems
09 /2019 – 03/2022 **Lyon, France**	**Data Scientist** *at RCTs* Healthcare path analysis algorithms and methods based on artificial intelligence Development and integration of a visualization platform **General Functions:** ✓ Technological watch related to algorithms and Artificial Intelligence ✓ Develop data visualization tools: dashboarding, visualization and interactive reporting ✓ Development of algorithms and methods for analysis of health pathways using secondary data and national health data. ✓ Drafting technical documents necessary for the validation and maintenance of Machine Learning algorithms and methods. ✓ Participation in the drafting or revision of SOPs (Standard Operating Procedures) and the drafting of analysis plans.
12/2016 - 11/2017 **Burkina Faso**	**Data-Manager** *at Centre Muraz & World Bank* Data Manager/Analyst Consultant for the Performance Based Financing Project **General Functions:** ✓ Quality control: programming data collects tools with Cs pro ✓ Quality insurance: programming bash to check the compliance of expected data with STATA software ✓ Synchronization: programming bash to share data: tablet circuit - local server - cloud server

EDUCATIONS & TRAININGS

Since 2022	PhD student in Machine Learning **at** *Clermont Auvergne University*
2018 - 2019	Master II Statistics and Data Science **at** *Grenoble Alpes University, Grenoble, France*
2017 - 2018	Master I Statistics and Data Science **at** *Grenoble Alpes University, Grenoble, France*
2013 - 2016	Bachelor in Statistics and Computer Science **at** *Nazi Boni University, Bobo-Dioulasso, Burkina Faso*

INTERNSHIP EXPERIENCES

03/2019 - 08/2019 **Lyon, France**	**Data Scientist, master final internships,** *RCTs* ✓Development and integration of a visualization platform ✓Automatization of recurring statistical analysis tasks and visualization of results ✓Definition and development of algorithms and healthcare data analysis using big data methods.
04/2016 - 08/2016 **Burkina Faso**	**Statistics and computer science, internships,** *Centre Muraz* Developing an area-based sampling system in the urban district of Bobo Dioulasso ✓ Apply geo-statistics methods: modeling by Kriging ✓ Definition of a sampling plan of the model ✓ R programming and implementation of a R package

OTHER EXPERIENCES

Since 07/2020 **Burkina Faso**	**Professor assistant in AI, courses of distance** at ***Nazi Boni University, and virtual university of Burkina Faso*** Statistical Methods courses in Big Data, Artificial Intelligence courses, Statistical and probability, Data visualization **https://armelsoubeiga.github.io/Cours/**

TECHNICAL SKILLS

Languages: English: good skills, French: bilingual

Skills:

✓Strong skills in software and Dashboard development **(Django, Flask, Rshiny)** and database management **(MySQL, SQLite, Postgres, Oracle).**

✓Familiar with the Cloud and DevOps tools **(Git, Docker)**

✓In-depth understanding of machine learning algorithms **(regression, classification, clustering, dimension reduction).**

✓Solid experience working with modeling tools: **TensorFlow, Keras, Scikit-Learn.**

✓Programming languages: **Python, R, SQL, SAS**

✓Software : **PowerBI, Google Dash**

CERTIFICATES

Advanced Deep Learning with Keras	0 5 / 2020 datacamp.com
Cluster Analysis in Python	0 5 / 2020 datacamp.com
Neural Networks and Deep Learning	0 5 / 2020 coursera.org
Sentiment Analysis in Python	0 5 / 2020 datacamp.com
Supervised Learning with scikit-learn	0 5 / 2020 datacamp.com
Web Scraping in Python	0 5 / 2020 datacamp.com
TensorFlow 2.0: Deep Learning and Artificial Intelligence	0 4 / 2020 Udemy .com