SOFTWARE ENGINEER & MACHINE LEARNING ENGINEER
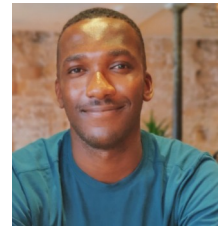**as soon as possible**

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I am a graduated Computer Scientist with a Master degree in Artificial Intelligence and job experiences. I love to build smart applications that has a good impact.

Spoken languages: French (C2), English (B2), Italian(C2)

Education | Description

2019-2021
(2 years)

École Polytechnique (France)
Master in Artificial Intelligence and Advanced Visual Computing
Main tools: Python, C++, C#, R, MATLAB, Tensorflow, Pytorch, OpenAI

A research-oriented program with high-level scientific classes including two complementary branches, namely Artificial Intelligence and Visual Computing. The first branch takes into account statistical learning and data analysis, while the second looks at 3D computer graphics, virtual and augmented reality, multi-modal interaction, computer vision and robotics.

2014-2017
(3 years)

University of Padova (Italy)
Bachelor's in computer science
Main tools: C, C++, Qt, JAVA, Python, R, MATLAB, MySQL, XHTML, HTML5, XML, JavaScript

This course of study of 3 years of computer courses and activities, while the rest concerns the mathematical knowledge indispensable for a computer scientist. Traditional topics include C ++ and Java pprogramming, algorithms and data structures, databases and computer networks, wireless networks, web techs and IT security.

Experience | Skills and Endorsement

Feb 2023 - Sept 2023
(7 months)

Ike Tech (France)
Full-stack Web Engineer
Main tools: Python, Docker, FastAPI, Django, PostgreSQL

In the role of a Python Full-stack engineer, I have designed and built from scratch, the database, the back-end micro-services app and a front-end app.

Jul 2022 - Feb 2023
(6 months)

Imagino (France)
Software Engineer
Main tools: Golang, React, SQL, Docker

In the role of a Back-end Developer, my tasks are to implement new features, or extends currents, of the backend applications of the data-driven SaaS of the company

Mar 2022 - June 2022
(4 months)

Tech2Heal (France)
AI Software Engineer
Main tools: Python, Scikit, Tensorflow, FAST API, GraphQL, FHIR

In the role of Software Engineer and Data Scientist, my tasks were to research and develop digital solutions using AI technologies to automate/monitor the patient's health state.

Apr 2021 - Sept 2021

INRIA (France)
Deep Learning Researcher
Main tools: Python, PyTorch, Scikit, Tensorflow

This internship was about finding correlation between wrong predictions of a Deep Neural Network classifier, and a group of its units. I proposed a framework to mine units' values correlated to the correct and wrong classifications, to detect future mispredictions

Apr 2020 - Sept 2020 *(6 months)*	**Amadeus SAS (France)** **Data Scientist** <u>*Main tools:*</u> *Python, Scikit, Tensorflow, PySpark, PyTorch*	The project was completed successfully and aimed to find a machine learning/deep learning model able to forecast the Customer Lifetime Value based on travelers' characteristics and purchase behavior.
June 2018- Sept 2019 *(1 year & 2 months)*	**SOGEA S.R.L (Italy)** **Software developer** <u>*Main tools:*</u> *C++, Qt, PostgresSQL*	Permanent job where my main tasks were to develop efficient desktop applications and build management systems for more than 100 customers of different industries. The biggest project I ever worked on, was about developing an efficient desktop and tablet application to automatize the clothes production processes of a fast-fashion multinational.
Oct 2017- Jan 2018 *(4 months)*	**Studio Com.unica (Italy)** **Full-stack Web Engineer** <u>*Main tools:*</u> *Node.js, TypeScript, Angular, MongoDB*	Project contract as a full stack web engineer inside a startup. I brought my contribution to the project Mode in term of system design and dev.