



Python Developer & Data Scientist

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Website for my students
Malt profile

WHO AM I?

French freelance, data scientist and Python developer.

Since completion of my studies, I create contents to teach MSc students about Python programming, ML and DL concepts, so to both improve my theoretical knowledge and better communicate about it. I also provide courses on Docker containers, but got increasingly involved in this tech for CI pipelines and deployments. When I'm not teaching, I'm on clients' missions: these often involve ML, consulting or backend developments.

I'm mostly self-learner. I do spend extensive part of my time in the docs to have a good grasp of a subject prior implementing it. I read PEPs (who does not ?). Finally, I like clean, modular, concise yet powerful code.

You can click on my freelance profile link, teaching website, or GitHub account for further projects details or clients' reviews.

EXPERIENCE

2019 – 2021
Aug – current

Freelance

Paris - Barcelona

Among missions: Python dev, Data Mining and ML for an e-commerce website. Creation of Single Page Application (SPA) to create, edit and register invoice data for entrepreneurs.

Python / Google PubSub / VUE.js / Flask / Docker / continuous integration / TravisCI / AWS / SQLAlchemy

2019 – 2021
September – Jan

Affiliate Teacher

Schools: ESILV, IIM, IPSI

Instructor for MSc students pursuing an engineering degree in data science.

Python, R / Keras / Deep Learning / Machine Learning models (CART, Xgboost, GLM, SVC, etc.) / Web-Scrapping / Docker / web-scrapping (selenium) / MLP, CNN, RNN/LSTM / Numpy, Pandas, Sklearn / introduction Kubernetes

2019 – 2018
February – September

Junior Data Scientist

Deloitte Luxembourg

Developed an end-to-end Python tool to preprocess, map and validate financial client data according to a newly implemented European regulation data model.

Python / Data validation checks

2018
February – August

MSc Research Internship in Clinical Modelling & Simulation

UCL - University College London

6-month data science and medical research project in University College of London's clinical modelling & simulation unit in partnership with GSK -GlaxoSmithKline on benign prostatic hyperplasia: developed an integrated longitudinal and time-to-event model that describes both the progression of clinical symptoms and onset of complications

Model-based Meta-Analysis / R.RStudio / Time-to-event modelling

EDUCATION

2016 – 2019

Master's Degree • Engineer's degree

ESILV - Leonard de Vinci Graduate School of Engineering

The educational project of ESILV revolves around science and digital technology combined with 4 major specializations: IT-Computer Science, digital and mechanical modeling, quantitative finance and new energy. I'm part of the computer science specialization

2017

Erasmus Exchange

Politecnico di Milano

Bioinformatics and computational biology, ICT for health care, Soft Computing, Artificial Intelligence, Image analysis and computer vision, Design and implementation of mobile applications

2015 – 2016

BSc degree in electronics

ENSEIRB-MATMECA Graduate school of engineering, Bordeaux

2013 – 2015

Preparatory classes for selective engineering schools

Lycée Fabert, Metz

2-year Mathematics, physics and engineering science courses in preparation for the selective entrance examination to French engineering schools

LANGUAGES

French - native
English - fluent
Spanish - basics

HOBBIES

Piano: professional diploma
Swimming