MARIUS BARTCUS

DATA SCIENTIST : ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

ABOUT ME :

Data Scientist with a *software engineer* background and a master degree in *Data mining and exploration*. DSc. In Computer Science of Toulon University (**Statistical machine learning**). Currently a Data Scientist: Artificial Intelligence Engineer student.

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- @ mbartcus@gmail.com
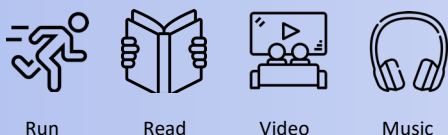- in Marius Bartcus
- mbartcus
- 🌐 mbartcus.me

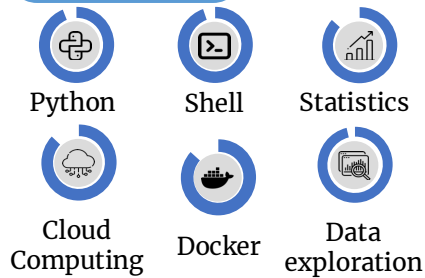## DIGITAL CV :

mbartcus.me/cv/

LANGUAGES :

French	●●●●●○
English	●●●●○○
Romanian	●●●●●●
Russe	●●●●●○

HOBIES :

Run   Read   Video   Music

HARD SKILLS

- Python
- Shell
- Statistics
- Cloud Computing
- Docker
- Data exploration

SOFT SKILLS

- Result oriented
- Analytical mind
- Conversation
- Time management
- Motivation to learn
- Empathy
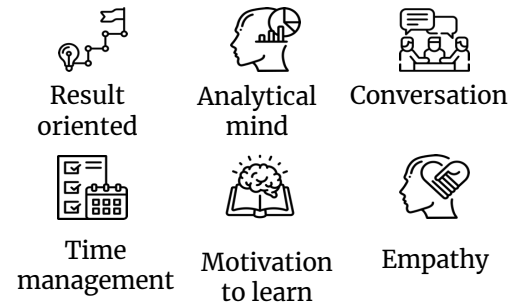
CURRENT ACTIVITY

April 2022 –
OPEN CLASSROOM
Engineer Artificial Intelligence
- 11 projects : Data Analysis and Exploration, Data pre-processing, Supervised/Non-supervised modeling, Deep Learning, NLP, Cloud Computing, Visualization, Model Deployment.
- Versioning with git
- Writing rapports & presentations

EXPERIENCE

2020 – 2022
CENTRE LÉON BERARD & INSA LYON
Postdoc : **Automatic segmentation** of 3D lung nodules through **deep learning**.
- Modeling using python (PyTorch), **UNET**
- Gathering public & personal image data
- **Data preprocessing** cleaning & augmentation techniques
- Versioning with git
- **Deployment** with docker
- **Reporting & data visualization**

2018 – 2020
CAEN UNIVERSITY
Postdoc : **Unsupervised classification** of **high dimensional data**
- Latent variable models / mixture models
- Prototype unsupervised models using R & Python
- Deployment of R packages on CRAN
- Reporting & data visualization
- Versioning with git
- Teaching statistics lessons
- Web integration & presenting results

2017 – 2018
ORANGE LABS
Engineer R&D : **Co-clustering** of **large data**
- Develop the model in Python
- Reporting & data visualization
- Versioning with git
- Writing rapports & articles

2015 – 2017
TOULON UNIVERSITY
PostDoc Researcher : **Signal segmentation with Bayesian non-parametric parsimonious mixture model**
- Decompose & recognize signals into song units
- Creating rapports
- Create experimentations (bash, python, matlab)
- Versioning with git
- Writing rapports & articles

EDUCATION

- Ph.D. In Computer Science (Bac+8), 2012-2015
  University of Toulon France
- Master 2 in Computer Science (Bac+5), 2012
  University Paris 13
- License Engineer IT, 2010
  Technical University of Moldova
- BAC in Engineering, 2006
  Technical University of Moldova