+

Statistics

Data exploration

Docker

Shell

Python

Cloud Computing

[mbartcus.me/cv/](mbartcus.me/cv)

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<mbartcus.me>

[mbartcus](https://github.com/mbartcus)

mbartcus@gmail.com

06 30 20 23 73

DIGITAL CV :

BAC in Engineering, 2006

Technical University of Moldova

License Engineer IT, 2010

Technical University of Moldova

Master 2 in Computer Science (Bac+5), 2012

University Paris 13

Ph.D. In Computer Science (Bac+8), 2012-2015

University of Toulon France

LANGUAGES :

French

English

Romanian

Russe

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 * Teachingstatisticslessons * 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

**DATA SCIENTIST : ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**

CURRENT ACTIVITY

Analytical mind

SOFT SKILLS

Result oriented

Motivation to learn

Empathy

Conversation

Time management

HARD SKILLS

Music

Video

Read

Run

HOBIES :

EDUCATION

Data Scientist with a s***oftware engineer* backgroundand**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](https://openclassrooms.com/fr/paths/188-ingenieur-ia) student.

ABOUT ME :

MARIUS **BARTCUS**