Nicolas Mavromatis

Data Scientist

PROFILE

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📍 Etampes France

🌐 French nationality

LANGUAGES

French : Native language

English : B2 (TOEIC Score=789)

R^G profil.researchgate

in url.linkedin

TECHNICAL SKILLS

Programming:
- Python

Data manipulation:
- Pandas
- Numpy
- Pyspark

Data visualization:
- Matplotlib
- Seaborn

Machine learning:
- Scikit-Learn

DeepLearning:
- Keras
- TensorFlow

SOFTWARE

Biological signal analysis:
- Labchart
- Signal
- Spike
- SPM

OBJECTIVE

After several years in the field of neuroscience research, I decided to start a career in data science. Convinced of the relevance of data science in solving complex problems, I would now like to put my experience to good use in solving real-life challenges.

RELEVANT EXPERIENCE

January 2023 – July 2023

Data Scientist Project – DataScientest Formation
Development of machine learning and deep learning models to classify motor movements from EEG and fNIRS signals
- Data visualization
- Model building and tuning
- Comparison of multiple algorithms (machine learning & deep learning)

2022 – Present (Brétigny-sur-Orge – France)

Postdoctoral researcher
Institut de Recherches Biomédicales des Armées – ECSO unit (Ergonomise Cognitive des Situations Opérérationnelles)
- Modeling fighter pilots' trust in AI
- Measurement of performance in a dynamic situation (flight mission)

2018 -2021 (Quebec- Canada)

Research coordinator
CHU Université Laval Research Center – NOVA Stim lab
- Simultaneous management of several clinical research projects
- Student training and supervision
- Training of clinical staff in neurostimulation

FORMATION

2022-2023

Data Scientist | Remote learning
- Datascientest.com / Les MINES ParisTech

2013-2017

Ph.D Experimental Medicine
- Université Laval, Quebec, Canada

2010-2012

Master's Degree - Integrative and Cognitive Neurosciences
- Université Aix-Marseille I, Marseille, France

2010

Bachelor's Degree in biology, Neuroscience speciality
- Université Aix-Marseille I, Marseille, France

REFERENCES

- Cyril Schneider (NOVA Stim Team Director)
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- Thomas Boehler (DataScientest)
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