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-  French, 28 years old, Driver's License B

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R&D Engineer in Deep Learning specialized in Computer Vision at INRIA, with an engineering degree in Machine Learning. Always eager to learn and discover new techniques and methods in deep learning.

## CERTIFICATIONS

**Machine Learning by Stanford University on Coursera**

**Deep Learning Onramp and Matlab Onramp on Mathworks**

**DeepLearning.AI TensorFlow Developer Professional Certificate**

## FORMATION

**Engineering Degree in Computer Science : Efrei Paris – Villejuif, 2016 - 2021.** specialized in 'Big Data and Machine Learning'

**International Semester**  
Concordia University - Montreal, Canada, 2018

**Expert in Computer Science (L1)**  
Epitech Paris – Villejuif, 2015 - 2016

**Baccalaureate S**  
Notre Dame - Sannois, Val-d'Oise, 2015



## SKILLS

- Data Science :** Machine Learning, Deep Learning, Data Visualization, Data Cleaning, Graph Theory, Statistics
- Machine Learning :** TensorFlow, Keras, Scikit-learn, Matlab, Spark, HDFS, Octave, OpenCV, NLTK, NLP, Time Series, Pandas, Numpy, Matplotlib, MLFlow, PyTorch (PyTorch Lightning, Weights and Biases)
- Langages :** Python, R, C, C++
- Big Data :** MongoDB, Cassandra, Hadoop, Hive, NoSQL, SQL, Spark, Grafana
- Logiciel/Systèmes :** Windows, Unix, Ubuntu, AWS, Azure, Git, Github, Docker, ElasticSearch, Jupyter Notebook, BitBucket, Genc
- Management :** Agile, Scrum, Project management , Trello, Jira, Notion
- Langues :** French - Native, English - C1 level (TOEIC 955/990), Spanish - B1 level

## PROFESSIONAL EXPERIENCE

**January 2023 - May 2025: R&D Engineer at INRIA Sophia Antipolis** in the STARS team. Working on the detection of muscular dystrophy on face and body related to FSHD disease using an auto-encoder-based algorithm for analyzing RGB videos. Our work was presented at the 32nd FSHD International Research Congress of 2025 ([abstract book](#), page 14).

**September 2022 - January 2023: R&D Engineer at INRIA Sophia Antipolis** in the STARS team. Focused on fall detection for elderly people by estimating poses in live videos using skeleton extraction and GCN.

**End-of-Studies Internship: Data Scientist in Deep Learning at SouthPigalle.** Created a real-time monitoring tool via a WebRTC communication tool: emotion detection in computer vision with Pytorch, TensorFlow, and OpenCV.

**Internship: Data Scientist in Deep Learning at ACENSI.** Developed image recognition models and programmed a robot to detect mask-wearing using TensorFlow algorithms.

**Innovation Project M2: In partnership with INSEP.** Selected and implemented an automatic motion analysis system using AI techniques - utilized OpenPose and OpenCV.

**Innovation Project M1: Chatbot against school bullying** (winner of the 'jury's favorite' award).