

Alexandre Movsessian

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PROFILE

Naturally curious and passionate, I am seeking a **six-month internship in Machine Learning** starting in **September 2025**, where I can apply my knowledge of artificial intelligence to meaningful projects with a positive impact.

EDUCATION

Télécom Paris, Postgraduate Diploma in Artificial Intelligence – Saclay, France	June 2025
• Coursework: Computer Vision, NLP, Advanced Machine Learning, Neural Networks	
ECAM LaSalle, Master of Science in Engineering – Lyon, France	Nov 2023
• Coursework: Software engineering, Mechanical Engineering	
University of Limerick, Master of Science in Software Engineering – Limerick, Ireland	June 2021
• Coursework: Software engineering, Data Structures, Algorithms	
• GPA: 3.2/4.0	

EXPERIENCE

Web Developper Internship, Sleep clinic ReVe – Tournon-sur-Rhône, France	June 2023 – Nov 2023
• Definition and implementation of the website technical specifications in accordance with the medical legislation	
• Ensure the safety and the Search Engine Optimization of the website	
• Manage the progress of the project using Jira so that it is complete by the end of the Internship	
Full-Stack Developper Internship, Dassault Systèmes – Velizy-Villacoublay, France	Feb 2022 – Aug 2022
• Collaborative work on a multiplayer simulation made with ExtJS, PHP, MySQL	
• Agile methodology, weekly sprints and debriefs	
• Definitions of specifications via UML diagrams	
• Code refactoring and debug, redaction of unit tests	
• Draft documentation and teach the intricacies of the project to the next team	

PROJECTS

[NLP Keywords and summary extraction] – Massy, France	Aug 2024 – Dec 2024
Comparison of automatic text summarization methods based on a corpus of scientific articles.	
• Implementation of the TextRank, HITS, TF-IDF algorithms in Python	
• Comparison of the results with the state-of-the-art Bert algorithm	
• Writing of a scientific article	
[Automatic Code Translation] – Massy, France	Aug 2024 – July 2025
Developpment of a tool that translates code from a programming language to another in partnership with IDEMIA.	
• State of the art research on the subject	
• Implementation of the tool in Python	
[Matondi Association] – Annonay, France	Nov 2017 – present
An association dedicated to promoting alternative culture locally and making it accessible to everyone.	
• Creation and management of the interior network with Framadate, Nextcloud, and a VPN	
• Organization of various cultural events, including a 1000-person festival	
• Management of teams of volunteers and external service providers	

SKILLS

Programming: Python, Java, Git, Neural networks, NLP, Computer vision, Transformers

Tools: PyTorch, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib, Docker, Linux, Jira, UML

Languages: English (Fluent, TOEIC: 990/990), French (Native, Voltaire 827/1000)

Soft skills: Teamwork, Communication, Problem-solving, Adaptability, Creativity

IT competitions: Hi!ParisFair hackaton, Advent Of Code 2024, Microsoft AI Skills Fest 2025

Interests: Music, cinema, scuba diving, biking