

# Alexandre Movsessian

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## PROFILE

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**Artificial Intelligence and Machine Learning Engineer**, available from **February 2026**, with a strong interest in designing and deploying high-performance AI solutions with positive impact.

## EDUCATION

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

## EXPERIENCE

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Artificial Intelligence Engineer (Internship), OVHCloud – Lyon, France	Sept 2025 – Feb 2026
<i>Research, benchmarking and deployment of text moderation models based on Transformers.</i>	
• Research on the state-of-the-art of content moderation models, writing a report and blog articles	
• Benchmarking and comparison of open-source models with MLFlow	
• Deployment of content moderation models with Docker and FastAPI	
• 80% reduction in adversarial attack effectiveness on text generation models	
Full-Stack Developer (Internship), Dassault Systèmes – Vélizy-Villacoublay, France	Feb 2022 – Aug 2022
<i>Collaborative work on a multiplayer CI/CD simulation made with ExtJS, PHP, MySQL in agile</i>	
• Definition of specifications via UML diagrams	
• Code refactoring and debugging, writing unit tests, POC	

## PROJECTS

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[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

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

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

**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