

Alexandre Movsessian

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PROFILE

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

- 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

- Artificial Intelligence Engineer (Internship)**, OVHCloud – Lyon, France Sept 2025 – Feb 2026
Research, benchmarking and deployment of text moderation models based on Transformers.
• 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
Collaborative work on a multiplayer CI/CD simulation made with ExtJS, PHP, MySQL in agile
• Definition of specifications via UML diagrams
• Code refactoring and debugging, writing unit tests, POC

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
Development 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, 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