

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 Developer 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 Developer 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