

**MSc in Artificial Intelligence Student**
Currently looking for a Master Internship**TRAINING & ACADEMIC HISTORY****CentraleSupélec - MsC in Artificial Intelligence****Gif-sur-Yvette, France***Artificial Intelligence training in Machine Learning and Deep Learning and Stochastic Optimization*

September 2024- Today

- Research oriented Master thesis
- Core courses: Machine Learning, Decision Modeling, Optimisation for Machine Learning and Deep Learning
- Elective courses: Reinforcement Learning, Natural Language Processing, Stochastic Optimization and Game Theory

ENSEA - École Nationale Supérieure De l'Électronique et de ses Application**Cergy, France***Engineering training in Analog and Digital Electronics and Computer Science*

September 2019- February 2023

- Specialization in Computer Science and Systems
- Courses taken: Software Engineering, Parallel Programming, Operating Systems and Algorithms

LYCÉE CHAPTAL - Preparatory class for the Grandes Écoles**Paris, France***Maths Physics and Engineering Sciences then Maths Physics star class*

September 2017– June 2019

- Specialization in Computer Science

LYCÉE FRANÇAIS LYAUTEY**Casablanca, Maroc**

- Scientific Baccalaureate specializing in Computer and Digital Sciences, with honors

June 2017

ACADEMIC AND TECHNICAL PROJECTS**CentraleSupélec - Lab Project : Fairness in Generative Graph Machine Learning****Gif-sur-Yvette, France**

- Designed and implemented an evaluation pipeline of fairness in GeML models, focusing on architectures like VGAE and diffusion models.
- Utilized PyTorch Geometric to manage graph data structures and build GNN architectures for tasks such as node classification.
- Collaborated with CVN and Inria OPIS, with guidance from researchers to align the project in AI ethics and fairness.

CentraleSupélec - AI Challenge**Gif-sur-Yvette, France**

- Developed a heuristic AI for a board game implementing algorithms like Alpha-Beta pruning, with potential for more complex strategies.

ENSEA - Cross-disciplinary software project**Cergy, France**

- Creation of a clone of the "Terraforming Mars" board game in C++, featuring simple, heuristic and advanced AI.

PROFESSIONAL EXPERIENCE**POLARYS- Business Intelligence consulting firm****Paris, France***Business Intelligence Consultant affiliated with various missions*

February 2023 - September 2024

- **Christian DIOR Couture: Tech Lead** within an AGILE project for data visualization:
 - Optimization of KPIs calculation times on PowerBI (DAX query execution times).
 - Integration of data into PowerBI data flows, and management of dataset updates.
 - Production of an automated daily report for the Americas execution committee.
- **Eaton Corporation** : Configuration of payroll data flows using SaaS **beqom**:
 - Creation of the global architecture for data integration pipelines on Azure Data Factory.
 - Development of SQL stored procedures for ETL.
- **Ardian**: Migration of an integration solution (private equity company):
 - Integration architecture for the various flows (SSIS).
 - Parameterization of the solution using configuration files.

LOGIQ DIGITAL AFRICA- Digital Marketing Agency**Casablanca, Morocco***Trainee Digital Marketing Project Manager Assistant*

May 2022– August 2022

4 months

- Participation in a project to create an internal Web platform:
 - Web design and content addition
 - Search Engine Optimization (SEO)
- Participation in a project to develop a lead retrieval application for a banking institution:
 - Drafting of detailed functional specifications
 - Design wireframes (functional interface mock-ups) of the application

SKILLS**Computer skills:**Programming Languages: Python, Java, SQL, HTML/CSS, C, C++, Libraries: Pytorch, Pytorch Geometric, TensorFlow, Scipy, Keras.Softwares: PowerBI, Azure Data FactoryLanguages: French & Arabic (Native), English (score TOEIC: 875), Spanish (Notions)**ACTIVITIES**

- Sport: Surfing, Calisthenics
- Music: Piano (15 years of practice and participation in various events such as concerts and performances) , Guitar, Saxophone and Singing