

ANTOINE POUPON

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PROFESSIONAL EXPERIENCE

INTERNATIONAL LABORATORY ON LEARNING SYSTEMS (ILLS)

AI researcher (Intern)

Montréal, Canada
June 2024 – November 2024

- Worked on Order Agnostic Autoregressive Image Generation

EY

Digital Transformation Consultant (Intern)

Paris, France
Feb 2023 – Aug 2023

- Consulted a client of the French public sector
 - Facilitated workshop and follow-up meetings
 - Drafted specifications and prepared test matrices to facilitate the acceptance phase
 - Ensured progress on 4 client projects and participated in steering committees
- Internally involved in the energy working group (sector watch) and the drafting of commercial proposals

EDUCATION

CENTRALESUPELEC

Master of Science in Artificial Intelligence

Gif-sur-Yvette, France
2023-2024

- Core courses: Deep Learning, Foundations of Machine Learning, Stochastic Optimization, Foundations of Artificial Intelligence, Decision modeling, Data and AI programming languages & platforms
- Elective courses: Reinforcement learning, Multi-Agent Systems, Advanced Deep Learning, Predictive Maintenance, Natural Language Processing (LLM), Computer Vision

ECOLE NATIONALE SUPERIEURE D'ARTS ET METIERS

Master of Engineering ('Grande Ecole Program'), Major in Mechanical engineering; Minor in Data science

Paris, France
2020-2023

- Engineering sciences: Mechanical, Electrical and Industrial engineering
- Project management and risk management

CPGE VAUVENARGUES

Preparatory Class to prepare for the competitive exams to the "Grandes Ecoles"

Aix-en-Provence, France
2018-2020

- Relevant courses: Mathematics, Physics, Engineering sciences, Computer Science

ACADEMIC PROJECT

CENTRALESUPELEC

Lab project

Gif-sur-Yvette, France
2023-2024

- Research: "Deep Reinforcement Learning for Spacecraft active debris removal (ADR) mission planning"
 - Developed an engine simulator modelling space physics and a Reinforcement Learning agent capable of achieving autonomous ADR mission
 - Published a paper and presented a poster at the SPAICE Conference 2024

TEXAS A&M UNIVERSITY

ENGR 410 Course on Global Engineering Design

ONLINE
Sep 2021 – Dec 2021

- Intercultural models and their application to engineering design in diverse, multinational and multidisciplinary settings
- Engineering design project working in international team of students, faculty and industry experts:
 - Project: "Design of mechanical characterizations and microstructural analysis of the compaction process of an anti-corrosive coating"

ADDITIONAL INFORMATION

- Languages: French (native), English (professional working proficiency)
- Technical Skills: Python, SQL, Spark, Pytorch
- Certifications: Professional Scrum Master (PSM1), TOEIC (980/990)
- Interests: Running, swimming, skateboarding, reading