Hadrien CRASSOUS

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 github | linkedin | website

SUMMARY

I am a Master student at Centrale-Supélec. I am passionate about Data Science and AI. In particular, I aspire to become a machine learning engineer or an AI research scientist. The topics I am the most interested in are Reinforcement Learning and Audio Generation.

EDUCATION

CENTRALE-SUPÉLEC (UNIVERSITY PARIS-SACLAY)   *2022-2025(expected)*

ENGINNERING SCHOOL - SPECIALIZATION IN ARTIFICIAL INTELLIGENCE

• 3-year program, with 1 year specialized in AI ("mention Artifical Intelligence" from 2024 to 2025)

UNIVERSITY OF TRENTO   *Spring Semester 2024*

DEEP LEARNING AND ARTIFICIAL INTELLIGENCE
• Courses focused on Deep Learning, Natural Language Understanding, Computer Vision, and Optimization Techniques (48h each)

UNIVERSITY OF PARIS-SACLAY   *2022-2023*

DUAL DIPLOME L3 MATHÉMATIQUES
• Courses taken: Algebra, Holomorphic Functions, Differential Calculus, Topology, Ordinary Differential Equations, Probability, Distributions.

CLASSE PRÉPARATOIRE LYCÉE CHATEAUBRIAND   *2019-2022*

BACHELOR IN MATHS, COMPUTER SCIENCE AND PHYSICS

• Courses focused on Hard sciences, oral exams and scientific thinking.

EXPERIENCE

INTERNSHIP - ORANGE   *2022*

INTERNSHIP IN THE BIGGEST FRENCH TELECOMMUNICATIONS COMPANY, HELPING TRACKING THE INVENTORY AND HARDWARE.

RESEARCH PROJECT IN COMPUTER SCIENCE   *2022-2024*

EXPLORING METHODS FOR SOLVING A GRAPH PROBLEM USING AI TOOLS

• working as a team of 6 students supervised by a research professor.

INVOLVED IN ASSOCIATIONS   *2022-2024*

ORGANIZED CONCERTS AND CHESS TOURNAMENTS. CONTRIBUTED TO MUSIC COMPOSITION TRAINING SESSIONS.

VOLUNTEERING

TUTORING HIGH SCHOOL STUDENTS FOR LYCÉE DE L'ESSOURIAU. VOLUNTEERING IN MUSIC FESTIVALS

AI - RELATED WORK

CERTIFICATE	HuggingFace Deep Reinforcement Learning Course (passed with "Excellence" distinction)
BLOG POSTS	Blog Posts meant to make AI tools accessible (5 posts over 4 months)
KAGGLE ACTIVITY	Participated in 10 AI competitions within 4 months: 2 wins and 3 top 20 finishes; published 10 notebooks.

COMPÉTENCES

FRAMEWORKS & BIBLIOTHÈQUES	Python | C++ | PyTorch | CUDA | Unity | Scikit-learn | Gym | Tensorflow | Matplotlib Numpy | Pandas | huggingface | torchvision | NetworkX
LANGUES	*Français:* Natif *Anglais:* Niveau B2/C1 *Italien:* Niveau B2

OTHER INTERESTS

- **Music**: Playing guitar and piano, composing music.
- **Chess and Strategy Games**.