



MAGSEN CHEBINI

ARTIFICIAL INTELLIGENCE ENGINEER

With over 5 years of experience, I'm passionate about exploring the crossroads of mathematics, biology, and physics to develop innovative solutions. Whether it's building practical AI tools or contributing to cutting-edge research, I'm always driven to push boundaries and solve complex problems. I adapt quickly to new challenges while staying up-to-date with the latest trends in the field.

CONTACTS

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📍 Paris

🌐 <https://magsenche.vercel.app>

🐙 <https://github.com/magsenche>

EDUCATION

2017 - 2018

IMPERIAL COLLEGE LONDON

Master of Science

- Biomedical Engineering
- Neurotechnology
- Machine Learning

2015 - 2018

CENTRALE SUPÉLEC

Master of Science

- Computer Science
- Electrical Engineering

2013 - 2015

LYCÉE SAINT-LOUIS

Preparatory Classes MPSI - MP*

LANGUAGES

- French (fluent)
- English (advanced)
- Spanish (intermediate)

INTERESTS

- Cinema
- Crossfit
- Sciences

EXPERIENCES

Hanazono

2024

Web tool for managing notes and quizzes based on spaced repetition

- **Developed** a web application in Python/Django, deployed using Docker, and integrated PostgreSQL for data management
- **Integrated** an AI assistant for automatic note generation
- **Set up** a flexible architecture using Docker Compose, Redis, and configuration for free hosting (Azure, Render)
- **Managed** documentation, testing, and version control to ensure the project's maintenance and evolution

AnotherBrain

2019 - 2024

artificial intelligence engineer

- **Worked** closely with a team to develop innovative AI models, promoting effective communication and collaboration with experts across different disciplines
- **Conducted** over 100 monitoring and research sessions in AI, mathematics, neuroscience, physics, biology, and computer science
- **Applied** these findings to explore dozens of topics, including:
 - neuronal cellular automata
 - symmetries
 - curiosity
- **Trained** cutting-edge artificial intelligence models
- **Optimized**, maintained, and revised code
- **Developed** 3D research tools with a graphical interface and synthetic dataset generation
- **Collaborated** with the team on innovative models
- **Attended** international AI and neuroscience conferences

Biologically Inspired Computer Vision Research Group

2018

student researcher

- **Applied** reinforcement learning to the understanding of physical phenomena
- **Designed** a physics simulator
- **Presented** results on a weekly basis

SKILLS

- Python, Docker, Git, Javascript, GCP, Azure, Blender
- PyTorch, LangChain, AutoGen, Numpy
- Computer Vision, LLM, Reinforcement Learning, Cellular Automata
- Adaptability, autonomy, critical thinking, perseverance