

# MEHDI DIGUA

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## EDUCATION

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2025 – 2026	<b>HEC PARIS</b> – MSC DATA SCIENCE AND BUSINESS	Paris
▪ Ranked <b>2nd</b> MSc in Data Science and Business Analytics in the world ( <b>QS Rankings 2025</b> )		
2024 – 2025	<b>ECOLE POLYTECHNIQUE</b> – MSC DATA SCIENCE AND BUSINESS	Paris
▪ <i>Machine Learning, Optimization, Deep Learning, Reinforcement Learning, ML Ops, Generative AI</i>		
2021 – 2024	<b>TOULOUSE SCHOOL OF ECONOMICS</b> – DOUBLE BSC IN ECONOMICS AND MATH	Toulouse
▪ Ranked <b>2/67</b> in the 2 <sup>nd</sup> year of the program, GPA: <b>15.6/20</b> , GMAT: <b>700</b>		
▪ <i>Microeconomics, Macroeconomics, Probabilities, Algorithms, Statistics, Advanced analysis, Data structures</i>		

## PROFESSIONAL EXPERIENCES

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2024 – 2025	<b>SHARELOCK</b> – CO-FOUNDER AND CTO	Paris
Nov – Jun	▪ Built a <b>full-stack AI platform</b> for supply chain risk intelligence using React, FastAPI, and AI agents	
	▪ Collaborated with leaders from <b>20+ enterprises</b> , including <b>CAC 40</b> companies, to design the solution	
	▪ Won the <b>EY Risk Transformation Award</b> , Won a <b>Stanford x Mistral</b> competition	
2024	<b>WEBYN</b> – DATA SCIENTIST INTERN	Paris
May – July	▪ Worked in Data Science and Product at a \$4M-funded e-commerce CRO startup	
	▪ Collaborated on research developing an ML model to improve A/B test generation for e-commerce websites	
	▪ Built and launched a funnel analysis feature that directly enabled a <b>30% client price increase</b> .	
2025	<b>DOMSEEDS</b> – AI ENGINEER INTERN	Casablanca
Mar – July	▪ Developed a <b>full-stack project management app</b> with WhatsApp automations and AI workflows	
	▪ Built a data pipeline using <b>NLP and ML</b> to source <b>10k</b> high-potential products for a large retail company	

## EXTRACURRICULAR ACTIVITIES & PROJECTS

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2025	<b>YOURSELF</b> – FOUNDER	Paris
▪ Deployed a <b>full-stack web app</b> featuring a voice <b>AI agent</b> that acts proactively on behalf of the user		
▪ Built complete production system including: 400 ms <b>WebRTC</b> low-latency voice stack with Livekit, autonomous real-time <b>tool calling</b> , persistent <b>memory</b> management, full <b>CI/CD</b> pipeline, automated <b>cloud deployment</b> , secure PostgreSQL database layer		
2023-2024	<b>INTERACT ROTARY</b> – FIRST COHORT	Casablanca
Oct – April	▪ Led a campaign that raised over <b>€10k</b> to assist <b>800+</b> individuals and renovate a school	
	▪ Drove marketing, growing an Instagram community to <b>5k</b> followers and securing key sponsorships.	
2025	<b>UPLIFT STUDIO</b> – PRINCIPAL	Paris
Jun – July	▪ Developed AI consumer mobile apps with Swift, led marketing and growth on TikTok and Instagram	
2024	<b>MISTRAL COMPETITION</b> – PROJECT LEADER	Paris
Oct	▪ Boosted <b>Mistrail AI's medical exam</b> accuracy by over <b>15%</b> using Mixture of Agents and Chain of Thoughts techniques, presenting the findings to research scientists and CEOs.	
2025	<b>HEC BASKETBALL &amp; HEC BRAZILIAN JIU-JITSU</b>	Paris
▪ Active member of both clubs		
2023	<b>SUMMER SCHOOL AT VIENNA UNIVERSITY (WU)</b> – DELEGATE	Vienna
July	▪ 2-week program by 9 top European universities, shared my experience during a speech to <b>500</b> attendees	

## SKILLS & INTERESTS

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**LANGUAGES:** English (Fluent), French (Native), Arabic (Native), Spanish (Intermediate), TOEFL IBT: 109

**TECHNICAL SKILLS:** Proficient in Python, SQL, React, Pandas, Sklearn, Swift, FastAPI, PostgreSQL, Docker, Git, Office

**MAIN INTEREST:** Basketball (5 years, regional university competition), Ancient History, AI, Surf, Formula 1