Magnus DE MAERTELEIRE

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EDUCATION

INSEAD **France / Singapore**
Master in Management, Class of 2028 **2026 - 2028**

- VP of Careers, Tech, Media & Telecom (TMT) club: organising events and panels with tech firms
- Available for full-time employment in July 2027
- Graduation date: January 2028

KU Leuven **Leuven, Belgium**
Master of Science in Engineering: Artificial Intelligence **2024 - 2026**

- Grade: Cum Laude
- Thesis: built a PyTorch pipeline running deep-learning genomic models on ~190 donors' DNA (HPC cluster, 200+ GPU hours) to predict regulatory activity for Parkinson's disease; showed that cohort-level accuracy does not carry over to individual donors
- Student Representative (first cohort): relayed cohort feedback to leadership in ~6 meetings/year to shape the curriculum
- Courses: AI Ethics & Regulation, Big Data Analytics, Math for AI, Optimization for Machine Learning, Privacy and Big Data, NLP

KU Leuven **Leuven, Belgium**
Bachelor of Engineering **2021 - 2024**

- Major: Electrical Engineering; minor: Computer Science

PROFESSIONAL EXPERIENCE

FCO2 **Luxembourg, Luxembourg**
Motorsport sponsorship, events and vehicle wrapping
Managing Director **September 2022 - Present**

- Run the full business, including launching a vehicle-wrapping line from scratch, while completing BSc and MSc degrees full-time
- Closed 14 racing sponsorship deals brokered between corporate sponsors and racing teams across GT Cup, NASCAR Euro Series, rally, Fiesta Cup and Club Challenge
- Negotiate contracts directly with corporate clients and racing teams, covering pricing, brand placement and livery design
- Lead a team of 3 and plan production against fixed race and event deadlines
- Organise car events to bring in new clients and build the brand

Lux49 **Howald, Luxembourg**
Medical software startup
Developer **August 2021 - August 2022**

- Built a computer-vision AI model that measures facial muscle activity from images
- Developed front-end and back-end for medical apps across the Apple ecosystem in a 5-person cross-functional team
- Ran product demos at KU Leuven to recruit test users and collect data

ADDITIONAL INFORMATION

Work Authorisation / Nationality: Belgian (EU)
Language Proficiencies: Dutch (Native), English (Fluent), French (Conversational)
Selected AI projects: Sandboxed multi-agent assistant in daily use on my own server, handling my planning and job search; neurosymbolic model reading handwritten formulas at 98.7% accuracy where a plain network falls to 7.1%; unsupervised CLIP concept labelling that beat a published baseline on 3 benchmarks (birds: 76% to 81%)
Design and making: Posters and illustrations (Adobe Illustrator, Photoshop); 3D printing, large-format printing, laser and vinyl cutters
Technical: Python, PyTorch, Keras, C, SQL, JavaScript, Java, Next.js, Linux, GPU/HPC computing, AI-assisted development (Claude Code, Codex, MCP)
Interests: Padel, chess, racing history, architecture