



Nicolas MELAERTS

Master's Student in Computer Science – Focus on AI & Software Engineering

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SKILLS

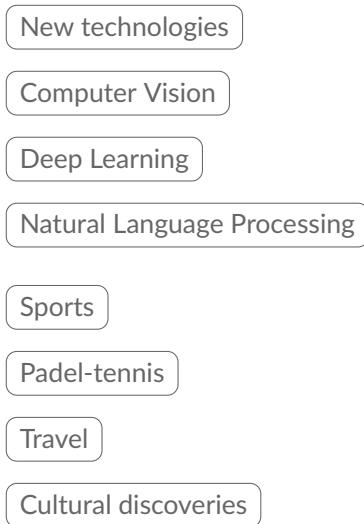


LANGUAGES

English
French
Dutch



INTERESTS



PROFILE

23-year-old student in Master 1 in Computer Science at UMons, I am looking for a 10-week internship between September and December 2025, combining software engineering and artificial intelligence, with a particular interest in applying both classical and deep learning methods to real-world cases. My skills are reinforced by completing several projects during my studies that involve deep learning, computer vision and the use of large language models (LLMs), using models such as convolutional (CNN) and recurrent (RNN) neural networks, autoencoders, and transformers.

Autonomous, curious, and motivated, I am ready to tackle technical challenges and experience an international professional environment.

EDUCATION

Master's in Computer Science

📅 September 2024 - ongoing

📍 University of Mons

Bachelor's in Computer Science

📅 September 2019 - January 2024

📍 Université Libre de Bruxelles

Secondary studies with focused on mathematics and advanced sciences

📅 September 2013 - June 2019

📍 Athénée Royal Uccle 2 (Brussels)

EXPERIENCES

Project: Fire detection and localization using Deep Learning

👤 github.com/NicolasMelaerts/fire-detection

📅 Semester 1 - Master 1

📍 University of Mons

Project: Fake news classification using language models

👤 github.com/NicolasMelaerts/fake-news-detector

📅 Semester 1 - Master 1

📍 University of Mons

Project: Brain tumor segmentation with autoencoders and Deep Learning

👤 github.com/NicolasMelaerts/AEs-for-brain-tumor-segmentation

📅 Semester 1 - Master 1

📍 University of Mons

Language immersion program in South Africa (WEP)

📅 June 2023 - July 2023

📍 Cape Town