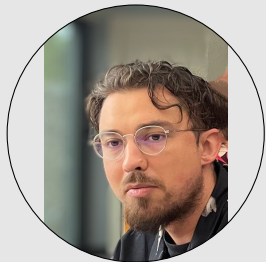


Antoine Gratia

Ph.D Student



About me

I am a passionate Ph.D student with expertise in Deep Learning, Artificial Intelligence, and Computer Vision. I enjoy discovering new technologies and exploring challenging problems, particularly in deep learning. Driven by a commitment to advancing scientific research, I focus on optimizing neural network architectures and developing innovative solutions. My curiosity and enthusiasm for learning push me to contribute to impactful technological developments continuously.

Personal

Antoine Gratia
Nationality: Belgium
Birthday: May 1997

Interests

Passionate about Deep Learning and Artificial Intelligence, with a strong focus on Computer Vision applications. Enthusiastic about advancing scientific research through innovative methodologies. Dedicated to exploring cutting-edge technologies and their practical implementations.

Hobbies

Historical European Martial Arts • Tenshin Shouden Katori Shinten Ryu • Reading • Traveling

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AntoineGratia

antGratia

EDUCATION

July 2021–Today

Ph.D Student

NAMUR • Belgium

Pursuing a PhD under the supervision of Dr. Gilles Perrouin and Prof. Pierre-Yves Schobbens. Focused on optimizing and exploring Convolutional Neural Network (CNN) architecture space. Aimed at achieving a balance between performance and Energy for CNN Architectures.

2018–2021

Master's Degree in Computer Science Specialised in Data Science

NAMUR • Belgium

Learn programming languages, big data processing, database management, machine learning and deep learning

2015 – 2018

Bachelor's Degree in IT Management

HELHA - MONTIGNIES SUR SAMBRE • Belgium

Learn the fundamentals of programming languages, development methodologies such as Agile and Scrum, database management and network and system

EXPERIENCE

March 2023–Aug 2023

Mission

Tokyo • Japan

Interned at the National Institute of Informatics in Shin'ichi Satoh's team. Worked on performance and energy prediction for CNN architectures. Contributed to research on dataset distillation techniques.

Feb 2021–June 2021

Internship

RENNES • France

Interned at IRISA as part of the DiverSE Team. Focused on automated and systematic exploration of CNN architectures. Contributed to advancing methodologies for efficient and disciplined deep learning model design.

Feb 2018–May 2018

Internship

GOSSELIES • Belgium

Interned at CETIC, working on machine learning techniques for fall detection using accelerometry. Conducted exploratory analysis to improve recognition accuracy. Developed and tested models to enhance real-time fall detection systems.

SKILL

- Java, c#, Python
- HTML, CSS, Javascript
- Keras, Tensorflow
- SQL
- MongoDB, Cassandra, Neo4j

LANGUAGES

French	C2	mother tongue
English	B2	• • • •
Japanese	A2	• • • •

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