



Dr. Ir. Mohammed El Adoui (Ph.D.)

Information Security Officer

ISO27001 Lead Implementer | ITIL | Prince2

Date of Birth: 11/10/1991

citizenship: Belgian

My Objectif

Holder of a PhD in engineering sciences and technologies since March 2021, with extensive experience as a postdoctoral researcher at UNamur and UMONS, as well as a teaching/research assistant in AI, multimedia processing, and programming languages, I am seeking a position as a cybersecurity and privacy advisor.

In my current position, I oversee cybersecurity initiatives and innovation projects involving AI within the Parliament of the French Community. Eager to further specialize in data protection and IT security, I want to leverage my academic background and more than 11 years of professional experience to provide my expertise where it will be most effective.

Skills

- IT Security Governance
- Operational Security
- Programming: C++, Python, Java, Web, etc.
- Artificial Intelligence and Data Processing
- IT Project Management
- Deep Knowledge of ISO27k

LANGUAGES

- **Frensh**
2nd native language
- **Anglais**
Advanced
- **Dutch (BE)**
Basic knowledge

EXPERIENCE (+11 years)

Information Security Manager (ISO) – Parliament of the French Community of Belgium [Main activity 100% full-time] 01/11/2023 – Current – Bruxelles

Since 1st November 2023, I have held the position of Information Security Manager at the Parliament of the French Community in Belgium. In this capacity, I lead security governance, risk analysis and management, as well as the implementation and monitoring of technical and organisational security measures. I also oversee strategic, operational and administrative aspects related to the protection of information assets. Furthermore, I supervise the integration and use of artificial intelligence technologies by parliamentary staff, ensuring their compliance with security requirements, regulatory obligations and applicable ethical principles.

Postdoctoral Researcher in Machine Learning – Faculty of Computer Science – University of Namur • 01/03/2022 – 31/10/2023 – Namur

For this position, I collaborated with the company VOCSenS and the Walloon region to calibrate low-cost gas sensors using new machine learning algorithms. The goal of this postdoctoral research was to define, design, and evaluate ML models to calibrate sensors for predicting gas concentrations in the environment. Due to the scarcity of data, I incorporated domain-specific constraints provided by experts to assist the algorithms and ensure greater transparency for the industrial partner.

Postdoctoral Researcher & University Lecturer – Faculty of Engineering – University of Mons • 03/23/2021 – 04/01/2022 – Mons

After earning my doctorate, I focused on developing my research and skills in artificial intelligence, particularly in the areas of explainability and interpretability. My role involved applying new AI methods to enhance the transparency and accessibility of research results, which led to publications in renowned journals and presentations at conferences.

Teaching assistant – Faculty of engineering – University of Mons 01/11/2015 – 23/03/2021 – Mons

As a teaching assistant, I contributed to the development and supervision of exercises, projects, and practical work in Artificial Intelligence (AI), advanced Deep Learning, Programming and algorithms, Object-Oriented Programming, IoT, mobile and web technologies, Computer Vision, multimedia processing, and Data Management.

- CITIZENSHIP : Belge
- Adress: N° 72, koninklijke straat, 1000 Brussels

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For more information please take a look at my website <https://www.eladoui.info/>

Activité d'enseignement

- **Artificial intelligence and its ethics**
 - Machine Learning
 - Deep Learning (CNN)
 - XAI
 - AI's Ethic
- **Multimedia processing**
 - Image processing
- **Mobile app programming**
- **Object-Oriented Programming (C++, Java)**
- **Supervision of IT projects**

CERTIFICATIONS

- **ISO27001 Lead Implementer**
 - Issued February 2026
- **PRINCE2® Foundation**
 - Issued Jun 2025
- **ITIL® 4 Foundation**
 - Issued Apr 2024
- **AI Hands on certification**
 - UMons (2018-2021)

PUBLICATIONS SCIENTIFIQUES

- **More than 29 articles published in international journals and conferences**
- [Link for Google scholar](#)

In the context of scientific research, I developed new methods to predict breast cancer response to chemotherapy using image processing and Deep Learning. This work was published in international journals, presented at global conferences, and led to the defense of my doctoral thesis in engineering sciences and technologies.

ACADEMIC PATHWAY

- **Ph.D. In engineering science and technology - 24/03/2021 - Faculty of engineering - University of Mons (BE)**
- **Visiting researcher - University of Case Western Reserve - Cleveland - 01/01/2019 - 20/12/2019 - Ohio (USA)**

During this internship, a significant part of my doctoral thesis work was carried out in collaboration with the Cleveland Clinic and the host department. This partnership was essential for acquiring data, enabling the necessary tests to validate the proposed methods. The results were published in several scientific articles in collaboration with researchers from Case.
- **Engineering Intern - Jules Bordet Institute - 01/01/2016 - 20/12/2016 - Brussels (BE)**

Thanks to this internship, the medical issues addressed in the thesis were understood and mastered. This allowed for the development of more robust solutions in partnership with radiologists and specialists.
- **Master's degree in Computer Science, Computer Graphics and Imaging - 15/07/2015 - Faculty of Sciences - University of Fez (Ma)**

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