

YAHIA SLIMANI

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Address: Chelghoum Laid, Mila, Algeria

Date of Birth: 26/09/2002

Nationality: Algerian



PROFIL

Computer Science Engineer at COSIDER and PhD candidate in Quantum Computing, holding a Master's degree in Data Science and Artificial Intelligence, with strong experience in software development and teamwork in dynamic environments.

Highly motivated by research and technological innovation, I am particularly interested in artificial intelligence, operations research, and quantum computing.

EDUCATION

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| High School Diploma in Experimental Sciences | October 2020 |
| Khira Zarouki High School, Chelghoum Laid, Mila | |
| Bachelor's Degree in Computer Science, Software Engineering Track | from nov 2020 to jun 2023 |
| Constantine 2 University – Abdelhamid Mehri, Constantine | |
| Master's Degree in Data Science and Artificial Intelligence | from oct 2023 to jul 2025 |
| Constantine 2 University – Abdelhamid Mehri, Constantine | |
| PhD in Quantum Computing and Artificial Intelligence (ongoing) | from nov 2025 – present |
| Constantine 2 University – Abdelhamid Mehri, Constantine | |

PROFESSIONAL EXPERIENCE

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| Web Developer | from jun 2024 to jul 2024 |
| Devilly, Constantine | |
| Working as a Web Developer at Devilly for one month allowed me to gain teamwork skills and understand collaboration dynamics in a professional environment. | |
| Data Scientist AI Model Developer | from jun 2024 to aug 2025 |
| Freelance | |
| My work combines in-depth data analysis, the development of high-performance models, and their seamless integration into software solutions. Thanks to this approach, my clients have expressed a high level of satisfaction. | |
| Computer Science Engineer | from sept 2025 - present |
| Cosider Travaux Publics | |
| My work in this engineering role focuses on developing an ERP system tailored to the specific project, with the goal of guiding and coordinating all company departments through reliable software solutions. I am also responsible for monitoring IT projects, managing and maintaining hardware, and ensuring full lifecycle tracking of all IT equipment. | |

Co-founder, NepsyAI**from oct 2025 – present****Nepsyai**

Co-founder, alongside Ikram Guelib, of the startup Nepsy.ai, an innovative project aimed at detecting neurodevelopmental disorders (NDD) using intelligent questionnaires and AI-powered chatbots.

In collaboration with Timo Heikkinen (Finland), I developed the full-stack web platform nepsyai.site as well as several artificial intelligence models for response analysis, specialist recommendation, and personalized follow-up.

The project was awarded the “Innovative Startup Project” diploma by the Ministry of Economy and Startups.

ACHIEVEMENTS

- 1. **FLAMANT** : E-commerce Web Application Development of an e-commerce platform designed for large-scale retail across multiple sectors. The project was awarded 2nd Best University Project during a competition at Constantine 2 University.
- 2. **LookKing** : Personal E-commerce Web Application Design and development of a personal e-commerce website with a professional interface and a complete product management system.
- 3. **Tasnif** : Automatic Classification of Arabic Articles Developed a website in collaboration with colleagues, using Next.js and Flask, to automatically classify articles in Arabic using NLP and machine learning techniques. Awarded Best University Project (2023–2024).
- 4. **Tastrovaldz** : Web Application for an Innovation-Labeled Startup Developed a web application for a client, the founder of a startup that received an innovation label thanks to this project.
- 5. **AppTechFOS** : Foreign Language Learning Platform Developed a web application for an educational startup in its launch phase.
- 6. **SatStore** :E-commerce Website for a Television Retailer Developed a complete website for a client selling televisions and electronic accessories.
- 7. **QynAI** : AI Text Detection (Deep Learning) Developed a deep learning model capable of detecting AI-generated content in texts/paragraphs. Integrated into a web interface for client use. Awarded Best Class Project (2024–2025).
- 8. **Skin Cancer Classification** : Published Research Project Collaborated with Dr. Houda Benaliouche and Ikram Guelib to design an artificial intelligence model for detecting and classifying skin cancer from medical images. The model, based on deep learning techniques, was integrated into a web interface to make it accessible to healthcare professionals. Article published in the journal SYCOM.
- 9. **Nepsy.ai** : International University Project (LLM & Mental Health) Co-founder of Nepsy.ai, in collaboration with Timo Heikkinen (Finland). Developed a conversational assistant based on LLMs, creating AI models for the early detection of neurodevelopmental disorders such as autism and ADHD. A project with significant social and technological impact.

10. **BRAIN** : Web Application for Student Mental Health Support Developed a web application to help university students schedule appointments with the psychological and behavioral support center. The application is currently operational and used by the center.

SKILLS

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| Web Development (Front-end & Back-end) Very Good | Développement mobile (cross-platform) Very Good | Création et intégration de modèles d'Intelligence Artificielle Very Good |
| Data Science & Data Analysis Good | Machine learning Very Good | Natural Language Processing (NLP) Very Good |
| API Integration & Cloud Deployment Good | LLMs (Large Language Models) : conception, finetuning, integration Good | Programming Languages: C/C++, Java, Python, JavaScript Excellent |

LANGUAGES

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| ARABIC native | French B2 (TCF 425) | English B2 (BritishScore 467) |
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