Douaa Elagrari
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Education

Bachelor of Science in Computer Science
Higher National School of Artificial Intelligence

- GPA: 3.85/4, ranked among the top graduates in Algeria.
- Honored by the Ministry of Education with an international trip for academic excellence.
- Completed coursework in **Artificial Intelligence, Machine Learning, Deep Learning, C++, Python, and Linux Administration**.

Certifications

Coursera Certificates:

- Machine Learning (Andrew Ng)
- Deep Learning Specialization
- Data Science Fundamentals
- Statistical Inference
- Linux Administration
- Full Stack Web Development
- Mobile Development with Flutter

DataCamp Certificates:

- Introduction to Python
- Python for Data Science
- Data Manipulation with Pandas
- SQL for Data Science

Work Experience

Machine Learning Intern
Ensia, Algiers

- Worked on projects involving **natural language processing, computer vision, and predictive analytics**.
- Developed machine learning models for **image recognition and text classification**.
- Participated in workshops led by esteemed university professors.

Leadership Experience

Active Member, Computer Science Clubs: SKILL AND TELL, ETC, GDSC

- Led hands-on **AI and machine learning workshops**, engaging students in practical projects.
- Mentored peers on **data science concepts, neural networks, and AI-driven applications**.
- Collaborated on research projects involving **AI ethics and emerging technologies**.

Projects

- **Wadhifni:** Developed a job-matching platform to help users find jobs regardless of their degree.

- **Intelligent Guessing Game App:** Created a smart game that uses **machine learning algorithms** to predict user choices and improve gameplay experience.

- **AI-Powered Chatbot:** Developed a Python-based chatbot with **NLP techniques** forcustomer service automation.

- **Car Price Prediction Model:** Built a machine learning model to estimate car pricesbased on various features.

- **Diet Recommendation System for Algerian Households:** Developed an AI-driven dietary planner using *A search algorithm** and optimization techniques.

- **E-commerce Websites:** Designed and deployed multiple **AI-enhanced online shopping platforms** with recommendation systems.

Skills

Technical Skills

- Development: **htm5,css,JavaScript,React,Flutter**
- Programming: **Python, C++**
- Artificial Intelligence: **Machine Learning, Deep Learning, Computer Vision, NLP**
- Data Science: **Pandas, NumPy, Matplotlib**
- Databases: **SQL, MongoDB**
- Embedded Systems: **Arduino, Raspberry Pi**

Soft Skills

- Analytical & Critical Thinking
- Problem-Solving & Innovation
- Leadership & Teamwork
- Adaptability & Self-Learning

Campus Involvement

- Participated in **Machine Learning Camp**, engaging in AI research and real-world applications.
- Organized **AI seminars and data science workshops** within the Computer Science Club.

Languages

- **Arabic:** Native/Bilingual
- **French:** Native/Bilingual
- **English:** Full professional proficiency