

# Raid Abderrezak Ouahioune

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## PROFESSIONAL EXPERIENCE

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**Algérie Poste** Bab Ezzouar, Algiers, Algeria AI Software Engineer  
09/2024 - Present

- Engineering an AI-based ATS solution for internship applications.

**New York University Abu Dhabi** Abu Dhabi, UAE Summer Intern  
07/2024 - Present

- Generating code datasets, training and fine-tuning a tiny LLM for code understanding tasks.

**FlamboSoft** Algiers, Algeria AI Engineer Intern  
1/08/2024 - 1/09/2024

- Contributed to developing a speech error detection system for kids using NLP tools such as wav2vec

**OPTIMUS LOSS PREVENTION ENGINEERING** Algiers, Algeria Software Developer  
07/2024 - Present

- Developing software solutions in the industrial security field.

**Ministry Of Higher Education And Scientific Research** Algiers, Algeria Data Science Intern  
12/2023 - 07/2024

- Contributed to developing a recommender system for new BAC students.
- Handled cloud deployment and CI/CD pipelines for the web application.

**Gostu DZ** Algiers, Algeria Co-founder  
Backend Team Lead 06/2023 - 07/2024

- Architected a scalable backend solution using Laravel.
- Led a team of backend developers, providing appropriate supervision and guidance, code standards and reviewing.
- Managing the server infrastructure and security aspects (Firewall management, System updates and setup)
- Performing DevOps tasks like Using Docker and github action to provide efficient and secure CI/CD pipelines as well as Load balancing solution

## EDUCATION

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**The National School of Artificial Intelligence (ENSIA)** Algiers, Algeria 4th Year Student  
10/2021 - 07/2026

## SIDE PROJECTS

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**Chaidia App** Langchain A flutter app to manage users files and ask an llm model using RAG feature

**Dzair Ai** NextJs A platform to gather the AI community in Algeria. Check this link [dzair.ai](https://dzair.ai)

**go-laravel** Go A Laravel-inspired HTTP server starter with GraphQL support.

**Malware Detection** Python Using the Inception model to detect malicious softwares

**CVRP** Python Implementing Ant Colony Optimization to solve the Capacitated Vehicule Routing Problem

**Tic-Tac-Toe** Kotlin A Jet Compose-based Tic-Tac-Toe where you can play with a smart AI

## TECHNICAL SKILLS

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Python	■ ■ ■ ■ ■
PyTorch	■ ■ ■ ■ ■
TensorFlow	■ ■ ■ ■ ■
Machine Learning	■ ■ ■ ■ ■
Deep Learning	■ ■ ■ ■ ■
Natural Language Processing	■ ■ ■ ■ ■
TimeSeries	■ ■ ■ ■ ■
Computer Vision	■ ■ ■ ■ ■
Laravel	■ ■ ■ ■ ■
PHP	■ ■ ■ ■ ■
JavaScript	■ ■ ■ ■ ■
React	■ ■ ■ ■ ■
Bash	■ ■ ■ ■ ■
NextJs	■ ■ ■ ■ ■
Node.js	■ ■ ■ ■ ■
Go	■ ■ ■ ■ ■
Docker	■ ■ ■ ■ ■
Git	■ ■ ■ ■ ■
SQL	■ ■ ■ ■ ■
MongoDB	■ ■ ■ ■ ■
RESTful APIs	■ ■ ■ ■ ■
GraphQL	■ ■ ■ ■ ■
Kotlin	■ ■ ■ ■ ■
Android Development	■ ■ ■ ■ ■
C++	■ ■ ■ ■ ■
Data Structures Algorithms	■ ■ ■ ■ ■
Multivariable Calculus	■ ■ ■ ■ ■
Linear Algebra	■ ■ ■ ■ ■

## CERTIFICATIONS

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- \* Fundamentals of Deep Learning - NVIDIA
- \* Introduction to Docker - DataCamp
- \* Associate Data Scientist - DataCamp
- \* Neural Networks and Deep Learning - DeepLearning.AI
- \* Improving Deep Neural Networks: Hyperparameter Tuning, Regularization, and Optimization - DeepLearning.AI

## HONORS AND AWARDS

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- \* AiFest'23 1st place
- \* Mobile Development Hackathon 3rd Place

## LANGUAGES

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Arabic	■ ■ ■ ■ ■
English	■ ■ ■ ■ ■
French	■ ■ ■ ■ ■