

# RAMZI CHABIRA

AI (ML / DL) ENGINEER

Birthday : March 18 , 2003

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<https://github.com/RamzeyChibana>

<https://ramzeychabira.netlify.app>



## PROFILE

I'm an AI enthusiast and machine learning developer. I'm actively involved in AI research with my university, driven by the goal of applying AI to solve practical problems and create meaningful change.

## SKILLS

- Programming languages( Python,C,SQL)
- Frameworks(Sickit-learn, TensorFlow, Keras ,Pytorch)
- Problem-Solving
- deep understanding of neural network architectures such as CNNs, GNNs, RNNs, etc.
- Strong Communication ( Workshops )
- Languages: English/Arabic

## EDUCATION

### BACHELOR DEGREE IN COMPUTER SCIENCE

University of Science and Technology of Oran

2021-2023

## EXPERIENCE

### SPACE TECHNICAL CENTER

- During my internship at the Centre des Techniques Spatiales, part of the Algerian Space Agency (ASAL), we utilized machine learning and deep learning to enhance satellite remote sensing, improving the analysis and interpretation of satellite images

## PROJECTS

### WIND GNN : (RESEARCH PUBLISHED SOON)

<https://github.com/RamzeyChibana/WindGNN.git>

- Predict wind turbine speeds using Graph Neural Networks (GNNs) by analyzing neighboring turbines' historical data

### FIRE DETECTION

<https://github.com/RamzeyChibana/FireDetection.git>

18/03/2023

- AlexNet-based project for fire/smoke/fog detection: Utilizes deep CNN architecture to classify images and detect the presence of fire, smoke, or fog. Enhances early fire detection and environmental monitoring for improved safety.

### TRANSFORMERS

<https://github.com/RamzeyChibana/Transformers.git>

12/07/2023

- Transformer model specifically trained for translating Portuguese text into English.