

# Yacine MEZIANI

I am a first-year student at an engineering school, passionate about programming and new technologies. I am currently **looking for an apprenticeship in the artificial intelligence and data science fields.**

**Age**  
20

**Driver's license**

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**Nationality**  
Algerian

**Languages**  
Arabic - native (C2)  
French - native (C2)  
English - advanced (B2)  
Spanish - intermediate (A2)  
Italian - beginner (A1)

## Skills

- Programming with Python and C#
- Web development with HTML and CSS
- Writing reports with Latex
- Building and training artificial intelligence models using PyTorch and TensorFlow
- Data analysis using machine learning methods
- Great ability to adapt and work independently
- Team management during group projects

## Interests

- Programming different personal projects to push the limits of my knowledge
- Sport - passionate about tennis since a very young age, today I am one of the leaders of the campus fitness club
- Cooking - a passion I recently discovered, that allows me to express my creativity

## Education

### École nationale supérieure d'électrotechnique, d'électronique, d'informatique, d'hydraulique et des télécommunications

Equivalent to graduate engineering school of computer science  
Majors in digital sciences  
2024 → to date

### Prépa des INP de Toulouse

Equivalent to intensive undergraduate studies to prepare for admission to French Engineering Schools  
Majors in Maths, Physics and Chemistry  
2022 → 2024

### Baccalauréat

Equivalent to High School Diploma  
Majors in Maths and Physics  
With highest honors  
2019 → 2022

## Work experience

### Research intern at Institut de Recherche en Informatique de Toulouse

June to July 2024

- Experimented with Large Language Models (LLMs): fine-tuning, models' creation and training, etc.
- Took part in the creation of future practical work for ENSEEIHT students

## Projects

### Creation of a cooking recipe generator

July 2024

- Created a recipe database by web scrapping (recovery of data from websites)
- Fine-tuning of the GPT-2 model to generate cooking recipes

### Programming a chess game in Python

September to October 2023

- Created the game in object-oriented programming
- Created an artificial intelligence that plays against the user, based on the Minimax algorithm