# CHERGUELAINE AYOUB

## NLP engineer

NLP engineer & backend developer


cherguelainea@gmail.com
22 years old
Algeria
0554 37 23 77


### Social networks

@AyoubCherguelaine
@ayoub-cherguelaine

### Languages

**English**

**Arabic**

**French**

### Certificates

**Building Transformer-Based Natural Language Processing Applications**
NVIDIA

**Fundamentals of Deep Learning**
NVIDIA

### Interests

**LLM's**

**Web Development**

**Deep Learning**

### Work experience

**Intern NLP Engineer**

From January 2023 to June 2023 icosnet Algeria,Algiers

- Developed an intelligent system base on context for company documents classification.
- Built OCR system, Language Detection
- Build a cloud Drive app

**IT support, ERP system administrator**

From November 2021 to December 2021 Alucostar plus Algeria, Blida

### Education

**Master**

Since October 2021 Saad Dahleb Blida University Blida, Algeira

Master degree on NATURAL LANGUAGE PROCESSING (Artificial Intelligence)

**Bachelor**

From October 2018 to August 2021
Saad Dahleb Blida University Blida ,Algeria

Bachelor degree on INFORMATION SYSTEMS AND SOFTWARE ENGINEERING

### Skills

**Python**

- Proficient in building APIs using FastAPI and working with deep learning (DL)
- Proficient in utilizing Pandas and NumPy for data manipulation
- Experienced in implementing transformers using Hugging Face.

**Javascript**

- Proficient in backend web development using Node.js and Express.js.
- Knowledgeable in building RESTful APIs with Node.js and Express.js.

**Database**

- NoSql : MongoDB, Firebase, redis
- Sql : Mysql, mariaDB

### Project

**Natural Language Processing**

- Develop a simple Language Model (LM) that incorporates probability.
- Built models for Document classification
- Train some models of information retrieval , text generation
- Possess experience in transfer learning for NLP tasks.
- Create a dataset on Document classification

**Backend Development**

- Create some AI model API's
- Working on E-Market backend system (incomplete).

**Algorithms & Data Structures**

- Designed a meta-heuristic algorithm to solve the SAT 1 problem
- Develop a rule-based search engine using cosine similarity.