# Pierre Epron

13/12/1994

## PROFILE

Currently in my final semester of pursuing a Master's degree in **Natural Language Processing (NLP)** at Nancy. I had the privilege of delving into projects such as **medical report analysis**, honing my skills and understanding of linguistic data. Presently, I am engaged in an internship at **LORIA**, where my focus lies in leveraging **Large Language Models (LLMs)** to enhance the classification of irony. Eager to further delve into the depths of NLP research, I am actively seeking opportunities to pursue a **PhD** in the field.

## QUALITIES

**Autonomy**
**Eager to learn**
**Perseverance**
**Creativity**
**Proactive**
**Teamwork**

## OTHERS

**Literature** (Hamilton, Bordage, Cixin, Tchaikovsky, Hobb ...)
**Roleplay** (Game Master & Player)
**Trips** (Autralia, Japan, Brasil, Congo)

## CONTACT

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Lorem Ipsum

## EXPERIENCES

**02/2024 - 09/2024: Master Internship**
INRIA - (Vandœuvre-lès-Nancy, 54547)
 - I am currently working on using **LLM** to detect and classify different types of **irony** within the **synalp** team.

**09/2020 - 09/2021: Internship AI developer**
Nancyclotep / CHRU - (Vandœuvre-lès-Nancy, 54547)
 - I was responsible for the design of a tool for **extracting information from medical examination reports**.
 - I developed a prototype that meets expectations using:
   - **NER, Spacy** for the NLP part.
   - **Django-Rest, React.js** for the website part.
   - **Docker, Jenkins** for the server part.

**08/2019 - 01/2020: Civic Service: Digital Support**
Pôle emploi Cristallerie - (Nancy, 54000)
 - I was in charge of **supporting job seekers** in their online procedures.
 - This consists of several missions such as:
   - Assistance with **registration, allocation** and **reimbursement** procedures.
   - Write **resumes** and **letters** online.

**08/2016 - 05/2017: Technician Assistant**
INRA (L'Institut National de la Recherche Agronomique) - (Champenoux, 54280)
 - I was responsible for **preparing samples** for isotopic analysis.
 - This consists of **grinding** and **micro-weighing** samples of wood, leaves or roots.
 - This task required **great rigor** to ensure the validity of the experiments carried out with the samples.

## EDUCATION

**09/2022 - 09/2024 : Master TAL**
Université de Lorraine (Nancy, 54000)
 - Analyze a computer-processed problem using oral/written data.
 - Know how to collect, structure and represent data (sound, text, image, etc.).
 - Know how to implement algorithmic techniques, linguistic analysis, statistics and knowledge processing.
 - Translate a simple problem into mathematical language.
 - Explain and document the implementation of an IT solution.
 - Develop a critical argument.
 - Demonstrate autonomy and initiative.
 - Lead a large-scale project as a team.

**09/2020 - 09/2021 : (RNCP title) Developer in Artificial Intelligence**
Simplon (Nancy, 54000)
 - Develop analytical data management
 - Develop an artificial intelligence program
 - Develop an artificial intelligence application
 - Manage an application development project

**09/2011 - 09/2012 : Literary Baccalaureate**

## SKILLS

**AI & NLP**
 - Sklearn    - Spacy/Stanza/NLTK
 - Transfomers (huggingface)
 - Pytorch    - OpenCV

**Data**
 - SQL        - MongoDB
 - PowerBI    - RDF/Sparql

**Web**
 - Flask      - Django(-rest)
 - React.js   - Vue.js

**Computational Linguistics**

**Unity (C#)**

**Docker**

**Git / Jenkins**

**Azure (DP100)**

**Agile methods**

**English (B2)**