Alexane Jouglar

Work experience

oct 2024
↑
nov 2022

Research assistant
University of Namur, Belgium

Crafting foundational frameworks and synergistic modules that empower cutting-edge innovations in the ever-evolving realm of Artificial Intelligence.

sept 2022
↑
mar 2022

NLP intern
Collins Aerospace, Blagnac, France

Engineered a chatbot designed to provide responses to complex technical queries, efficiently parsing and extracting insights from vast, multi-thousand-page documentation.

2022
↑
2018

Travel support officer
Mutuaide assistance, Noisy-le-Grand, France

Offered dedicated assistance to travelers facing issues like medical emergencies, by providing coordinating resources, and ensuring they received the help they needed.

Education

2022
↑
2020

Master Computer Science, Linguistics
Sorbonne Université, Paris

Honors

2020
↑
2017

Bachelor Computer science, Linguistics
Sorbonne Université, Paris

Honors

2015
↑
2012

Scientific secondary school
Lycée André Boulloche, Livry-Gargan, France

Honors

Activities

2023

ISWS: "Picasso or potato?" project

This project was awarded the title of **Best Project** at ISWS. This system leverages ontologies and Large Language Models to differentiate masterpieces from ordinary works of art.

2023 & 2024

ARIAC workshops

Collaborative projects funded by ARIAC. In 2023, we focused on Secured Federated Learning, while in 2024, our efforts shifted towards uncertainty estimation in LLMs.

2022

A Lisp parser for SQL queries

Developed a parser for converting SQL queries into S-expression, transforming S-SQL queries into predicate networks, and performing the reverse. This parser serves as a building block for multi-agent system experiments.
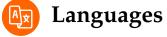
Contact

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Skills

- Python
- Lisp
- SQL, Neo4J
- Python libraries: NumPy, pandas, nltk, spaCy, TensorFlow
- NLP softwares: ElasticSearch, Praat, Protégé, Unitex, GATE, CasEN
- Machine Learning / Deep Learning
- Large Language Models
- Linux, Windows, macOS
- Docker
- Git, versioning
- Web development (HTML, CSS, JavaScript)

Languages

Language	Level
French	Fluent/Native
English	Fluent
Spanish	Fluent
Dutch	B1
Italian	B1
Danish	A2