Léane Jourdan

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PROFILE

» PhD student in Natural Language Processing
» LS2N laboratory — Research Team: TALN

EDUCATION

🎓 Since 10/2022 **PhD in Natural Language Processing**
LS2N, Nantes University   📍 Nantes, France
» **Supervisors:** Richard Dufour, Florian Boudin & Nicolas Hernandez
  » **Topic:** Neural approaches for modeling and analyzing the argumentative structure of research articles
  » **Domains:** scientific writing assistance, text revision, rhetorical roles, argumentative analysis

🎓 09/2020–07/2022 **MSc Computer Science, NLP specialization**
Nantes University   📍 Nantes, France

🎓 09/2017–07/2020 **BSc Computer Science and Mathematics**
University de Nantes   📍 Nantes, France

PROFESSIONAL EXPERIENCE

📅 01/2024–06/2024 **NLP Research Intern**
National Institute of Informatics (NII)   📍 Tokyo, Japan
» **Laboratory:** Aizawa-lab — **Supervisor:** Akiko Aizawa
  » **Subject:** Language Models and their applications to assist human activities
  » **Domain:** Text media

📅 09/2023–12/2023 **Teaching assistant**
IUT Nantes   📍 Nantes, France
» (64h) Optimization methods for decision support, Mathematical modeling and Cryptography for Bachelor students

📅 01/2023–02/2023 **Teaching assistant**
Polytech Nantes   📍 Nantes, France
» (8h30) Natural Language Processing for Master students

📅 01/2022–07/2022 **Data Science Research Intern**
Orange Innovation   📍 Lannion, France
» **Research team:** Home & Financial Communication — **Supervisor:** Alya Itani
  » **Subject:** Analysis of behaviours and profiles of Orange Money's agents in Cameroun and lack of cash problem
  » **Domains:** data science, financial services, money distribution network

📅 05/2020–07/2020 **Intern in DUKe research team**
LS2N   📍 Nantes, France
» **Research team:** Data User Knowledge — **Supervisor:** Philippe Leray

    Updated in Jun 2021

» Contribution in the development of PILGRIM library: A C++ library for bayesian networks (usecases and functions)

PUBLICATIONS

» **Léane Jourdan**, Florian Boudin, Richard Dufour, Nicolas Hernandez: Text revision in Scientific Writing Assistance: An Overview. *Proceedings of the 13th International Workshop on Bibliometric-enhanced Information Retrieval (ECIR 2023)*

» **Léane Jourdan**, Florian Boudin, Richard Dufour, Nicolas Hernandez: CASIMIR: A Corpus of Scientific Articles enhanced with Multiple Author-Integrated Revisions *The 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*

RESPONSABILITIES

11/2022-12/2023   **Responsible for the organization of the team's reading group**
TALN research team

11/2022–07/2023   **Elected representative of the PhD. students at the doctoral school council**
Doctoral school MaSTIC N°641

2023   **Member of the organizing committee - ARTS workshop**
Workshop on the Analysis and Research of Scientific Texts, CORIA-TALN 2023
» (Fr: Atelier sur l'Analyse et la Recherche de Textes Scientifiques)

LANGUAGES

French native   **English** TOEIC L&R (Dec 2021): 990/990

PROGRAMMING SKILLS

▸ **Languages**   Python, C++, R
▸ **Libraries**   transformers (HuggingFace), NumPy, PyTorch, Pyplot, NLTK, spaCy, pandas, Scikit-learn
▸ **Tools**   LaTeX, Jupyter Notebook, Git Hub & Git Lab

     Updated in Jun 2021