Ygor Gallina

PhD Student : Keyphrase extraction in scientific publications

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🖥 github.com/ygorg

Education

2018–   **Phd**, *Nantes Université*, Nantes, France.
End-to-end indexation in scientific digital libraries.
Directress : Pr. Béatrice Daille, Supervisor : Asc. Pr. Florian Boudin

Aug.–Nov. 2019   **Intern**, *Aizawa-Lab*, Tokyo, Japan.
PhD work and local collaboration.

2016–2018   **Msc. Computer Science**, *Nantes Université*, Nantes, France.
Natural Language Processing and Machine Learning

2013–2016   **Bsc. Computer Science**, *Aix-Marseille Université*, Aix-en-Provence, France.
General computer science

Employment history

Sep.–Dec. 2021   **Teaching assistant**, *Nantes Université*, Nantes, France.
Introduction to computer science (32h)

Dec. 2020   **Teaching assistant**, *Polytech Nantes*, Nantes, France.
Natural language processing (9h)

Oct.–Mar. 2019   **Teaching assistant**, *Nantes Université*, Nantes, France.
Introduction to computer science (63h)
Introduction to software development (12h)

Feb.–Jul. 2018   **Internship**, *Eminove*, Nantes, France.
NLP and machine learning techniques applied to human resources challenges.
Use of clustering and word embeddings to simplify skills definition.
Data mining and visualization to present employees skills evaluation data to HR.

May–Jul. 2017   **Research internship**, *Nantes Université*, Nantes, France.
State of the art of pre treatment in Computer-Mediated Communication
Supervisor : Asc. Pr. Nicolas Hernandez

Research Publications

Jun. 2021   **Redefining Absent Keyphrases and their Effect on Retrieval Effectiveness.**.
Boudin F. and Gallina Y. NAACL-HLT, Jun 2021,Online.

Aug. 2020   **Large-Scale Evaluation of Keyphrase Extraction Models.**.
Gallina Y., Boudin F. and Daille D. JCDL, Aug 2020, Online.

Jul. 2020   **Keyphrase Generation for Scientific Document Retrieval.**.
Boudin F., Gallina Y. and Aizawa A. ACL, Jul 2020, Online.

Oct. 2019   **KPTimes: A Large-Scale Dataset for Keyphrase Generation on News Documents.**.
Gallina Y., Boudin F. and Daille D. INLG, Oct 2019, Tokyo, Japan.

Jul. 2019   **State of the art of deep learning methods for automatic keyphrase extraction**.
Gallina Y. RECITAL, Jul 2019, Toulouse, France.

Languages

English   Fluent TOEIC 2018 : 965/990

French   Native

Computer skills

Languages	Python, Bash, C/C++, OCaml
Deep Learning	AllenNLP, pyTorch, Tensorflow, scikit-learn