

Youri Peskine

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Summary

Recent PhD graduate from Sorbonne University with a proven track record of research and publication in top-tier venues. Seeking an AI Researcher role to apply a strong background in deep learning for NLP, computer vision, and knowledge graphs. Expertise in developing and training models for complex tasks, including misinformation detection, social discourse analysis, and medical image analysis. Passionate about AI research and its applications.

Education

Sorbonne Université / EURECOM

2021 - 2025

Computer SciencePhD

- Thesis:** *Using Knowledge Graphs to Detect and Explain Misinformation Spread on the Web*
- Advisors:** Prof. Paolo Papotti, Prof. Raphael Troncy
- Keywords:** Deep Learning, Natural Language Processing, Misinformation, Knowledge Graphs, Textual Similarity, Feature Engineering

Polytechnique Montréal

2018 - 2020

Computer ScienceM.S.

- Thesis:** *Automatic Screening of Diabetic Retinopathy in Fundus Images Using Deep Learning*
- Advisor:** Prof. Farida Cheriet
- Keywords:** AI, Deep Learning, Computer Vision, Sound Processing, Multimedia Applications, Reinforcement Learning

Institut Polytechnique de Paris / Télécom SudParis

2016 - 2020

Computer ScienceEngineering

- Keywords:** Image & Signal Processing, Virtual & Augmented Reality, Statistics, Software Engineering

Selected Publications

Cimplekg: A continuously updated knowledge graph on misinformation, factors and fact-checks.

2024

The Semantic Web – ISWC 2024

Burel, G., Mensio, M., **Peskine, Y.**, Troncy, R., Papotti, P., & Alani, H. (2024)

Definitions matter: Guiding GPT for multi-label classification

2023

Findings of the Association for Computational Linguistics: EMNLP 2023

Peskine, Y., Korenčić, D., Grubisic, I., Papotti, P., Troncy, R., & Rosso, P.

Detecting COVID-19-Related Conspiracy Theories in Tweets

2021

MediaEval Benchmarking Initiative for Multimedia Evaluation Workshop: MediaEval 2021

Peskine, Y., Alfarano, G., Harrando, I., Papotti, P., & Troncy, R.

Skills

Programming & Tools

Python, PyTorch, Keras, Pandas, Scikit-learn, Hugging Face, SQL, Git, C/C++, Java, C#, Bash

AI/ML Expertise

Deep Learning, Natural Language Processing, Computer Vision, Knowledge Graphs, Audio & Signal Processing, Reinforcement Learning, Explainable AI

Awards

Frugal AI Challenge Winning Submission

HuggingFace, 2025

Best Resource Paper Award

ISWC, 2024

Fake News Detection Winning Submission

MediaEval, Task 3, 2022

Best Paper Award

BeyondFacts Workshop (TheWebConf), 2022

Fake News Detection Winning Submission

MediaEval, All Subtasks, 2021

French National Award « Prix André Blanc Lapierre »

SEE - Société de l'électricité, de l'électronique et des technologies de l'information et de la communication, 2020

Languages

French - Native

English - Fluent

Spanish - Intermediate