

# Qi Wang

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*Looking for a permanent position as Data Scientist especially in  
NLP starting at October 1<sup>st</sup> 2022.*

## Education and Degrees

- 2021–2022 **MSc. in Machine Learning for Data Science**, *Université Paris Cité*, Supervised Learning, Non-Supervised Learning (Dimensionality Reduction, Clustering, Co-Clustering, Mixture Models), Deep Learning, Text Mining, NLP, Big Data, Recommender Systems, Graph Reconstruction.
- 2019–2021 **MA in Natural Language Processing (Multilingual Engineering)**, *Inalco*, Algorithmic, Text Mining, Machine Learning for NLP, Knowledge Engineering, Fundamental Linguistics.

## Professional Experience

- Feb. - Aug. 2022 **Data Science Intern**, *Astek*, Boulogne-Billancourt, France.
- Build a personalized recommender system for French technology papers using recent Deep Learning techniques.
  - Suggest an evaluation protocole at the level of relevance and result ranking.
  - Synthesize all works with a research paper.
- Apr. - Oct. 2021 **Text Mining Intern**, *BNP Paribas*, Paris, France.
- Automatic detection of key events from daily news in English and French.
  - Investigation and comparaison of several approaches based on statistical methods, lexical properties and deep neural networks.
  - Build an evaluation model for quantative and qualitative studies.

## Project Works

- Building a Scoring model using supervised algorithms applied to banking and relational data.
- Scientific papers metadata analysis using unsupervised methods.
- Semi-automatic text processing of French daily newspaper Le Monde.
- French tweets sentiment analysis using Machine Learning methods by Scikit-learn.

## Computer Skills and Tools

Advanced	Python, HTML5, CSS3, XML, MS Office, iWork
Intermediate	Java, R, Shell, Git, L <sup>A</sup> T <sub>E</sub> X, MySQL
Beginner	PHP, JavaScript

## Languages

Native	<b>Mandarin</b>
Professional	<b>French, English</b>