Qi Wang

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Double master's degree in Data Science and NLP. Curious, serious, with a spirit of organisation and analysis acquired through professional and academic career. Recently I'm looking for a position as Data Scientist / Data Analyst.

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.
- Tools: GitHub, PyTorch, Tensorflow, Pandas, Selenium, etc.

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.
- Tools: Pandas, SpaCy, SBERT, lxml, etc.

Project Works

- Building a Scoring model using supervised algorithms applied to banking and relational data (Pandas, Scikit-Learn, Numpy, SciPy, Matplotlib, etc).
- Scientific papers metadata analysis using unsupervised methods (Pandas, Scikit-Learn, Numpy, SciPy, Seaborn, NLTK, etc.).
- Semi-automatic text processing of French daily newspaper Le Monde (Perl).
- French tweets sentiment analysis using Machine Learning methods by Scikit-learn.

Computer Skills and Tools

Advanced Python, MySQL, HTML5, CSS3, XML, MS Office, iWork

Intermediate R, Shell, Git, LaTeX, MySQL

Beginner Java, PHP, JavaScript

Languages

Native **Mandarin**

Professional **French, English**