

CENTAL : Centre for Natural Language Processing

WHAT WE OFFER : services and expertise

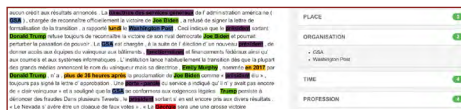
- Consultancy activities and scientific guidance
- Natural language processing (NLP) prototype development
- Project development, monitoring & evaluation
- Expert training in NLP & artificial intelligence

```

40 tagset_size = config.get("tagset_size", None)
41 if tagset_size is None:
42     raise ValueError("You must specify the 'tagset_size' config variable")
43
44 optimizer = config.get("optimizer", "adam")
45 loss_function = config.get("loss_function", "categorical_crossentropy")
46 metrics = config.get("metrics", ["accuracy"])
47 batch_size = config.get("batch_size", 256)
48 epochs = config.get("epochs", 5)
49 verbose = config.get("verbose", 1)
  
```

Technical expertise

- Machine learning
- Neural networks & deep learning
- Linguistic resources development
- Rule-based methods



Information extraction

- Named entity recognition
- Relation extraction
- Sentiment analysis & opinion mining
- Document classification & clustering
- Text readability & simplification



Information retrieval

- Domain-specific search engines
- Similarity engines
- Thesaurus & ontology development
- Query analysis & expansion



Key domains of applications

- NLP for healthcare, finance and law
- Social media mining
- Big data analytics



Training

- Expert coaching
- Tailor-made training
- Summer schools

CONTACT

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Picture credits: Jacky Delorme



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