

# Jérémie Clos

RESEARCH SCIENTIST

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Natural Language Processing - Machine Learning - Information Retrieval

## Experience

### University of Nottingham

RESEARCH FELLOW / TEACHING ASSOCIATE

Nottingham, UK

February 2018 - PRESENT

- Developed a decision support system for evidence-based policy-making in the field of lifelong education

### Robert Gordon University

RESEARCH ASSISTANT

Aberdeen, UK

Sept. 2017 - Dec. 2017

- Investigated the robustness of modern machine learning methods for extremely budgeted learning, with training sets of a dozen data points.
- Developed an R toolkit to facilitate the exploration and extension of the current methodology.

### Cognitive Geology

DATA SCIENTIST

Edinburgh, UK

Sept. 2015 - Apr. 2017

- Investigated modern regression techniques for geological modelling.
- Performed research and implementation of heuristic-constrained logistic fitting algorithms to analyse geological data.
- Performed research and implementation of fast grid splitting algorithms for geological modelling.

### IRIT Research Lab

SUMMER RESEARCH ASSISTANT / SOFTWARE ENGINEER

Toulouse, France

March 2009 - June 2012

- Summer 2012:** Multiple small projects in the information systems team: paper translation, literature review, and prototype development.
- Summer 2011:** METHODEO project, on the evaluation of distributed indexing systems for large multimedia archives.
- Summer 2010:** LINDO project, on the implementation of an open system for indexing and retrieval of multimedia objects in distributed archives.
- Spring-Summer 2009:** CERISE project, on the implementation of a systems to systems interface engineering, and study of impact analysis and data traceability in large-scale engineering projects.

## Education

### Robert Gordon University

PHD IN COMPUTER SCIENCE

Aberdeen, UK

February 2019

- **Thesis title:** Representation and learning schemes for argument stance mining in social media
- **Topics:** machine learning, text classification, argument mining
- **Supervised by:** Prof. Nirmalie Wiratunga, Stewart Massie, Guillaume Cabanac and Prof. Joemon Jose

### University of Toulouse

MSC IN COMPUTER SCIENCE

Toulouse, France

June 2012

- **Thesis title:** Predicting Entry Points in Q&A Systems
- **Topics:** information retrieval, text classification
- **Supervised by:** Guillaume Cabanac and Prof. Mohand Boughanem

### Robert Gordon University

BSc (HONS) IN COMPUTING AND INFORMATION SYSTEMS

Aberdeen, UK

June 2011

### University of Toulouse

BSc IN COMPUTER SCIENCE

Toulouse, France

June 2010

## Skills

<b>Languages</b>	Python, R, Java, C#
<b>Python frameworks</b>	Scikit-learn, Tensorflow, Flask
<b>R frameworks</b>	Caret, ggplot2
<b>Version control</b>	Git, TFS
<b>Databases</b>	Oracle, MS-SQL, MySQL
<b>Writing</b>	LaTeX, Markdown
<b>Spoken languages</b>	French (native), English (fluent), Italian (beginner - A2), Mandarin (beginner - A2)