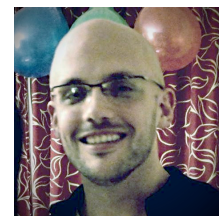


Jérémie Clos



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Education

PhD , <i>Robert Gordon University</i> , Aberdeen, <i>In progress</i> . PhD in Computing	2012–Current
MSc , <i>University of Toulouse</i> , Toulouse, <i>First Class</i> . MSc in Information Retrieval and Artificial Intelligence	2011–2012
BSc , <i>Robert Gordon University</i> , Aberdeen, <i>2:1</i> . Bachelor (Hons) in Computing	2006–2011

PhD research

title: *Argumentation Mining in Social Media*

supervisors: Nirmalie Wiratunga, Stewart Massie, Joemon Jose, Guillaume Cabanac

description: My PhD research concerns the different uses of discussion context in order to perform argument mining in a scalable manner. Doing so would provide us with the opportunity of analyzing large datasets issued from social media websites, providing us with valuable insights into online discussions. My funding is provided by a SICSA prize studentship.

Master thesis

title: *Social Information Retrieval: Predicting Entry Points in Q&A Systems*

supervisors: Guillaume Cabanac, Mohand Boughanem, Henri Prade

description: My MSc thesis is an investigation in machine learning techniques to process question and answers systems. It is based on the assumption that search engines could embed answers of such questions in order to fulfill the information need of the user without requiring navigation to the original web page.

Experience

Data Scientist, *Cognitive Geology*, Edinburgh. **2015–Current**

In charge of helping bring novel and pragmatic data analysis techniques to our core software product. Working both at the initial prototyping phase and at the final implementation, I used and became familiar with the following technologies:

- Python, Numpy and Scikit-learn for prototyping algorithms.
- C#, Syncfusion and Accord.NET for final implementation.

Teaching Assistant, Robert Gordon University, Aberdeen.

2012–2014

Teaching assistant on undergraduate and postgraduate modules.

- **Adaptive Intelligent Systems** (MSc students), a module on applied metaheuristic optimization.
- **Database Systems** (3rd and 4th year students), a module on SQL, Oracle database systems administration and PL/SQL.
- **Adaptive Intelligent Systems** (MSc students), a module on applied metaheuristic optimization.
- **Introduction to Databases** (2nd and 3rd year students), a module on SQL and MSSQL Server.
- **Data mining** (MSc students), a module on the use of standard data mining algorithms to discover knowledge from datasets.

Research assistant, IRIT, Toulouse (France).

2008–2012

Research assistant on multiple industrial research projects:

- **Summer 2012:** Working on multiple small projects.
- **Summer 2011:** Working on the METHODEO project, on the evaluation of distributed indexing systems for large multimedia archives.
- **Summer 2010:** Working on the LINDO project, on the implementation of an open system for indexing and retrieval of specific objects in large distributed multimedia archives.
- **Summer 2009:** Working on the CERISE project, on the implementation of a systems to systems interface engineering, and study of impact analysis and data traceability.
- **Summer 2008:** Software developer in the a web development company based in Bucharest, Romania. The goal of the internship was to build an IRC-like chat applet in Java.

Languages

French: Native

English: Fluent

Latin: Intermediate level

Italian: Beginner level

Programming skills

Java: Main language

R: Beginner level

Python: Some experience

Ruby: Beginner level

C#: Some experience

PL/SQL: Some experience

C, C++: Beginner level

VB.NET: Beginner level

General computing skills

Version control: Git, Subversion, TFS

Databases: Oracle, MSSQL, MongoDB

Scientific writing: Markdown, \LaTeX

Design: HTML and CSS

Interests

Scientific interests: Machine learning, conversational agents, social media mining, information retrieval and information management. I am particularly keen on interdisciplinary fields such as digital humanities and computational humor.

Hobbies: Strength training, hiking, science-fiction novels, powerlifting.