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# Ophélie FRAISIER

*PhD Student in Computer Science*

*Integration of social and spatiotemporal context  
for opinion mining on social media*

## WORK EXPERIENCE

- Jan 2016 – Now **PhD Student in Computer Science** *CEA / IRIT, Toulouse (France)*  
I study the integration of the social and spatiotemporal context for the analysis of opinions and their evolution on social medias like Twitter or Facebook.
- CONFERENCES**  
– INFORSID 2016: my participation was selected as one of the four best participations in the Doctoral Consortium and will be published in a special issue of the ISI journal ("Ingénierie des Systèmes d'Information", Engineering of Information Systems)
- TEACHING**  
– Data processing: elaboration and teaching of a course for undergraduate students to learn how to collect, process and analyze data from various sources  
– Hippocampe course : discovery of research in computer science for highschool students through the theme of opinion mining on Twitter  
– Relational Databases: practical application of concepts such as the conception and interrogation of databases for undergraduate students  
– Overview of computer science for librarians: definition, history, domains, research and regional impact
- OTHER RESPONSABILITIES**  
– PhD Student ambassador for ESOF 2018 ([www.esof.eu](http://www.esof.eu))  
– PhD Student representative in the Laboratory Council
- Oct – Dec 2015 **Business Intelligence Software Engineer** *Sopra Steria, Toulouse (France)*  
I developed a QlikView application for Orange's sales managers.
- Feb – July 2015 **Oracle Database Consultant (Intern)** *Capgemini, Toulouse (France)*  
I updated existing elements of a datawarehouse due to the modification of the identification system for some Airbus components.
- Jan 2015 **Project Manager** *SID Formation – Université Paul Sabatier, Toulouse (France)*  
I managed 80 students from 3 different grades, divided into 12 inter-disciplinary teams, on a project aimed at improving the javascript application Vizurbi (<http://www.vizurbi.com>) by integrating the interrogation of the local public transportation network API.
- Apr – Aug 2014 **Business Intelligence and Database Consultant(Intern)** *Capgemini, Toulouse (France)*  
I created detailed personal activity reports in SAP BusinessObjects to improve the team management.
- Apr – June 2013 **Research assistant in Scientometrics (Intern)** *IRIT, Toulouse (France)*  
I created infographics and statistics for the INFORSID congress ([www.irit.fr/~Guillaume.Cabanac/inforsid](http://www.irit.fr/~Guillaume.Cabanac/inforsid)) and conducted a gender study on researchers from the Information System domain.
- Apr – June 2012 **PHP Software Developer (Intern)** *Institute of Political Studies, Toulouse (France)*  
I maintained, developed and trained users for several applications dedicated to the management of entry exams, calls for papers and inscriptions for congresses.

## EDUCATION

- 2012 – 2015 **Master's Degree in Mathematics and Computer Science** *Université Paul Sabatier, Toulouse (France)*  
Statistics and Business Intelligence, Database management, Information Retrieval  
Recipient of a **scholarship for academic excellence** attributed by the *Excellence Laboratory CIMI* (International Center of Mathematics and Computer Science in Toulouse)
- 2010 – 2012 **University diploma in Computer Science with highest honour** *IUT 'A' Paul Sabatier, Toulouse (France)*  
Options: Advanced databases, Advanced business management, Distributed applications in Java  
Student representative for the department
- 2009 – 2010 **1<sup>st</sup> year of medical studies** *Medecine faculty of Purpan, Toulouse (France)*
- 2009 **Scientific baccalauréat with the highest honours** *Highschool "La Découverte", Decazeville (France)*  
French National Secondary Degree

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## CORE SKILLS

Use of sociological theories such as homophily and influence  
Specialization in databases management and Business Intelligence  
Development in Python  
Redaction of documents in  $\text{\LaTeX}$

## LANGUAGES

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|----------------|----------------|
| <b>French</b>  | Native speaker |
| <b>English</b> | Fluent         |
| <b>Spanish</b> | Basic notions  |

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## HOBBIES

2013 – Now

Member of the "Nuit de l'Info" ("Night of the computer science") planning team in Toulouse ([www.nuitdelinfo.com](http://www.nuitdelinfo.com)) : national competition in which students have one night to develop applications on a given theme

Books, blogs and comics relating the stories of women forgotten by history, particularly concerning women in science: Women in Science by Rachel Ignotofsky, The Thrilling Adventures of Lovelace and Babbage by Sydney Padua, Les Culottées by Pénélope Bagieu, and many more

Graphic novels, particularly novels raising political and societal issues such as Sandman, Transmetropolitan, V for Vendetta, Watchmen or Punk Rock Jesus