

Postdoctoral researcher in Machine Learning & Data Mining: vacancy on the ERC Grant 'FORSIED'

Keywords: Machine Learning, Data Science, Exploratory and Interactive Data Mining, Subjective Interestingness, Dimensionality Reduction, Graph Mining, Time series, Bioinformatics, Music Informatics, Linked Data...

Prof. Tijl De Bie's research team, part of the IDLab at **Ghent University**, is looking for a top qualified and motivated **postdoctoral researcher** to work on the **ERC Consolidator Grant FORSIED**. The successful candidate will be offered a contract for 1-3 years, starting as soon as convenient.

Your profile

Essential:

- A relevant **PhD based on outstanding research**
- Proven understanding of **at least 3 of the following areas**:
 - Machine learning and data mining
 - Algorithms, optimisation theory, operational research
 - Probability and statistics, information theory
 - Big Data technologies
 - Programming in Python, Matlab, C++, or Java
- Willingness to assist in the **supervision of PhD students** and to contribute to **teaching** as a teaching assistant

Desired:

- An interest in **applications** (bioinformatics, web mining, ...)
- Eagerness to **travel** (for conferences, research visits, etc.)

The FORSIED project

The research project you will work on is titled "**Formalising Subjective Interestingness in Exploratory Data Mining**", and aims to investigate the foundations of exploratory data mining from an information theoretic perspective. Its ultimate aim is to bring the ability to extract interesting insights from data within the power of the lay user.

The research environment

The FORSIED research team consists of 9 full time active members, and is led by Prof. Tijl De Bie (www.tijldebied.net). The team is embedded within the **IDLab**, which is home to more than 200 researchers with research activities across the range of data science and internet technologies.

Ghent University, and the city of Ghent

Ghent University is a comprehensive and **internationally leading research intensive university**. **English is the working language**, and knowledge of Dutch or French is not required. Ghent is a **historical, vibrant, and internationally minded city** in Belgium with 250k inhabitants.

Further info & Application procedure

By email to tijl.debie@ugent.be. Applications should include: cover letter, CV, and contact details of 3 referees. **This position will close as soon as an outstanding candidate is found. Applying early is recommended.**



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www.forsied.net



<http://www.ugent.be/en>

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<https://en.wikipedia.org/wiki/Ghent>