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.tijldebie.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.