Meltwater PhD Studentship in Sentiment Analysis

A fully funded 3-year PhD studentship is available within the School of Computer Science at the University of Birmingham, UK in the area of Sentiment Analysis.

The studentship is funded by Meltwater, a global Media Intelligence Company. The studentship will cover tuition fees and provides a stipend towards living expenses (£14,600 p.a.) and some funding for resources (e.g., hardware, software), international conference participation, and travel.

The PhD candidate will be expected to develop a PhD project closely related to one or more of the following topics:

- Aspect-based sentiment classification and summarisation,
- Subjectivity detection and classification,
- Speculation and negation scope detection,
- Opinion-based entity ranking.

The successful applicant will be co-supervised by Dr. Mark Lee (University of Birmingham) and Dr. Giorgio Orsi (Meltwater) and he will have access to the Meltwater offices and Shack 15 Data Science Hub facilities in London.

The University of Birmingham and Meltwater value equality and diversity. We strongly encourage Women and BAME applicants for this position.

PhD candidate specification:

**Required:**

- A first class degree or equivalent in Computer Science, Computational Linguistics, Artificial Intelligence.
- A strong programming and statistical / Mathematical background with experience with programming languages such as Python or Java.
- Experience in Computational Linguistics / Natural Language Processing, including statistical Machine Learning and Deep Learning.
- Good communication skills, ability to work in teams but, most importantly, enthusiasm.

**Desirable:**

- Experience with data science tooling such as Python / Zeppelin notebooks.
- Some experience with numerical processing in R, Matlab, or Mathematica.
- Some experience in deploying large-scale/distributed systems (e.g., Maven, Docker, AWS, CircleCI, Terraform) is a plus.
How to apply:

Applications must include the following information:

- Cover letter
- Research proposal (4-5 pages) outlining the purpose, scope and methodology of the project, to include the original contribution to be made.
- Details of two academic referees
- Academic transcripts and certificates
- Proof of English language proficiency (where relevant)

Once candidates have been selected for the studentship, they will also be required to submit the above material to university admissions. Applications in the first instance should be to m.g.lee@cs.bham.ac.uk. Informal enquiries are also welcome.

The University of Birmingham is a research intensive university which is ranked in the top 100 universities internationally in this year’s QS World University Rankings with a campus close to Birmingham city centre.

Meltwater helps companies make better, more informed decisions based on insights from the outside. More than 25,000 companies use the Meltwater media intelligence platform to stay on top of billions of online conversations, extract relevant insights, and use them to strategically manage their brand and stay ahead of their competition. With over 50 offices on six continents, Meltwater is dedicated to personal, global service built on local expertise. Meltwater also operates the Meltwater Entrepreneurial School of Technology (MEST), a nonprofit organization devoted to nurturing future generations of entrepreneurs. For more information, follow Meltwater on Twitter, Facebook, LinkedIn, YouTube, or visit www.meltwater.com.