**Ph.D. Position**

The L3S Research Center, Hannover, Germany, invites applications for a **Ph.D. research position**

Within the context of two new international research projects dealing with understanding Web data and online user behavior in different application scenarios. You will be working under the supervision of Dr. Stefan Dietze and Prof. Dr. Wolfgang Nejdl. Initial appointment will be for 3 years with the possibility of extension. The candidate’s competence area should be squarely rooted in computer science or a related field, she/he should be able to think creatively, grasp new knowledge quickly, be able to combine abstract reasoning with concrete problem solving and be interested in mastering complex challenges.

**Requirements:**

- A Master degree in a relevant field (Computer Science, Mathematics, Information Science)
  - Proficiency in spoken and written English. Proficiency in German is a plus.
  - Excellent proficiency in modern programming languages and modern software engineering methodologies. Proven team software development skills.
  - Interest in mastering and applying formal methods.
  - Familiarity with one or more topics from:
    - Machine Learning
    - Information Retrieval
    - Artificial Intelligence
    - Data Mining
    - Human-Computer Interaction

**What we offer:** We provide a scientifically and intellectually inspiring environment in an internationally leading research institute, embedded in a leading technical university with considerable resources for conducting compelling research in the context of big data analytics.

- PhD candidates will work in the context of a national, european or international research and innovation projects.
- Funding is available for equipment, conference and research visit travel.
- L3S offers substantial research and computational infrastructures as well as access to compelling data resources.
- Qualified candidates will start in level [TV-L 13 of the German public service pay-scale](https://www.l3s.de) (approx. 1,700-2,200 Euro net monthly salary depending on experience including all German social benefits).

The positions start as soon as possible, are open until filled and will be granted initially for 3 years with envisioned extension.

**How to apply:** Please send your application as a single PDF file including the usual documents (CV, cover letter/motivational statement, certificates, two references) to Dr. Stefan Dietze (dietze@l3s.de).