

**PhD Scholarship of Data Science at the Department of Computer Science,
University of Idaho, Moscow, ID, USA**

About the Program: A PhD degree in Computer Science from the University of Idaho prepares a student for a lifetime of discovery. It enables the graduate to advance the state of the art in computing, not merely to keep up with it. The graduate program develops the student's critical thinking, investigatory, and expository skills. The student will learn the foundations of computer science theory and application, and the interaction between the two. By understanding the extent and limitation of current knowledge in computer science, the graduate will learn to understand what issues are important and why. He or she will acquire the methodological skills to resolve important open problems and tackle challenging new ones. The student will learn to present problems and solutions, both orally and in writing.

Specific Requirements: The successful candidate will play key roles in research and education activities of several projects related to semantic web, knowledge engineering, data wrangling, big data analytics, and reproducible workflows. Specific responsibilities include: development of machine-readable knowledge bases, participating research collaboration on data science with researchers from in- and outside the University of Idaho, preparing peer-reviewed publications and education materials, and presentations at professional conferences. Prof. Xiaogang Ma will be the major professor of the student.

- More information about Prof. Xiaogang Ma's lab can be found at:
<https://webpages.uidaho.edu/max/idea-lab.html>.

Qualifications: Applicants should have received a recent M.Sc. or foreign equivalent in computer science, data science, Geoinformatics, GIS, or a closely related field. Research experience in the areas of semantic web, knowledge engineering, and reproducible workflows (e.g. Jupyter Notebook) is desirable. Qualified applicants who have a bachelor's degree but without a M.Sc. degree will also be considered. For other general prerequisites, please check the program website:
<https://www.uidaho.edu/engr/departments/cs/degrees/graduate/phd-computer-science>.

Application Process: To ensure full consideration, qualified candidates must send a cover letter, CV, and contact information of three references in a single PDF document via e-mail to Prof. Xiaogang Ma (max@uidaho.edu) by the closing date of Dec. 01, 2018. Applications may be reviewed prior to the closing date, and the search may continue until the position is filled. For further information please contact: Prof. Xiaogang Ma (max@uidaho.edu).

Start Date: As soon as possible after the application closing date: Dec. 01, 2018. The successful candidate will be appointed as a research assistant. The appointment will initially last for one year and may be renewed upon performance evaluation and availability of funding.

The University of Idaho is an Affirmative Action/Equal Opportunity Employer. The university is committed to promoting the right of all individuals to equal opportunity in employment and to fostering a diverse, equitable and inclusive working and learning community.