

Funded PhD positions in algorithm selection and configuration, meta-learning and combinatorial problems

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[Apologies if you receive this more than once.]

Several funded PhD positions with me at the University of Wyoming are available. My research focuses on using machine learning to build models of the behavior of algorithms to solve challenging problems in artificial intelligence and applying them to choose the best algorithm for a given task, choose the best parameterisation of an algorithm, or predict the resource requirements of an algorithm. Part of this research is developing better approaches to building such models, but also developing more efficient algorithms for solving such problems. Deploying such approaches on clusters and in the cloud for large-scale experimentation is relevant as well. For more information on my research, please see <http://www.cs.uwyo.edu/~larsko/>

You should have an interest in applying machine learning to challenging problems and a background in at least one of artificial intelligence, combinatorial problem solving, machine learning, or statistics. Experience in algorithm selection, configuration, or meta-learning is beneficial, but not required. You will have a lot of freedom to shape the research you're doing and tackle challenging problems.

The University of Wyoming is located in Laramie, WY, USA. Laramie has more than 300 days of sunshine a year and is home to year-round outdoor activities including hiking, camping, rock climbing, downhill skiing, cross-country skiing, fishing and mountain biking. It is a short drive from the Rocky Mountains and just a few hours from Yellowstone National Park.

If you are interested in this opportunity, please contact me at lar...@uwyo.edu.
If you know someone who may be interested, please forward this message.