Undergraduate Internship
Machine Learning in R

Synopsis

The machine learning for R library and ecosystem (`https://mlr3.mlr-org.com`) provides state-of-the-art machine learning to experienced data scientists and novices. Many different machine learning paradigms are supported through a modular ecosystem of libraries. `mlr3` is under active development.

While `mlr3` comes with extensive documentation, a book (`https://mlr3book.mlr-org.com`), and a gallery of examples (`https://mlr3gallery.mlr-org.com`), more documentation is always better, especially for novices.

You will

- work through the existing documentation, familiarizing yourself with `mlr3`;

- identify gaps, bugs, missing topics or explanations, etc, in the documentation;

- address these issues by fixing/extending the documentation.

This is an outstanding opportunity to learn more about machine learning and get paid to do so!

What you should bring to the project

You should be self-motivated and able to work independently, have strong programming and analytical skills, basic knowledge of machine learning, and be familiar with git and GitHub. Familiarity with R is beneficial, but not required.

What you will get out of it

You will become familiar with state-of-the-art machine learning and hone your data science skills. Such experience is highly sought-after in industry. This is a project with lots of details to be defined as part of it – you can bring in your own ideas and make it your own.

Interested? Talk to Lars Kotthoff <`larsko@uwyo.edu`>.