Position title: Postdoctoral Research Scientist at Columbia University

Description
The School of Nursing at Columbia University (New York) seeks a talented, highly motivated postdoctoral research scientist with a background in health informatics or related discipline. The candidate will be involved in studies of clinical decision support to enhance patient care, including care coordination and transitions.

Responsibilities for this position include a combination of:

- Develop machine learning (including deep-learning) and other approaches to extract insights from real world clinical data
- Participate in evaluation of clinical decision support tools integrated into clinical practice
- Learn about and implement natural language processing applications to extract risk factors from clinical data
- Interact cross-functionally: work with people across the team to find creative solutions and deliver them
- Use your skills in data visualization and presentation

The candidate will be called upon to present work at national and international research conferences.

Requirements

Required Qualifications:
- PhD. in Health Sciences (e.g., Nursing, Medicine, PT/OT), Computer Science, Information Science, Biomedical Data Science, Mathematics, Statistics, or a related technical discipline.
- Strong foundation in machine learning/data science and/or clinical decision support.

Desired Qualifications:
- Experience with machine learning frameworks such as scikit-learn, TensorFlow, PyTorch, and/or Keras.
- Experience with natural language processing or audio processing.
- Ability to present/visualize outputs to multidisciplinary audience.
- Programming skills with proficiency in R and/or Python.

Benefits
- Competitive benefits package
- Encouraging and stimulating scientific environment
- Involvement in development of new informatics methods
- Interdisciplinary and cross-setting collaborative environment geared towards innovation

Required Application Materials:
- Cover Letter
- Curriculum Vitae
- 2 letters of reference

For further details please contact Max Topaz mt3315@cumc.columbia.edu