Two postdoctoral scholar positions are available at Rochester Institute of Technology - Golisano College of Computing and Information Sciences. The postdoc scholars will primarily work in the areas of AI/machine learning and are primarily responsible for developing advanced machine learning models to support complex decision-making. The positions will allow the candidates to further grow their expertise in AI/machine learning or related areas by working on important data analytics problems in specialized domains, building a strong publication record, and obtaining grant proposal writing experience. The positions will also enable the candidates to interact with a large team of PhD/MS students in Dr. Qi Yu's group (http://www.ist.rit.edu/~qyuvks/) as well as domain experts through multiple research projects currently funded by NSF, DoD/ONR, and RIT. The candidates will be co-advised by Dr. Qi Yu and Dr. Yu Kong.

The initial appointment is for one year and can be renewed on a yearly basis according to performance. Salary is competitive. Applications will be reviewed immediately and the positions are available immediately. Please send your CV and representative papers to Dr. Yu Kong (yu.kong@rit.edu) for applications. Further information can also be sent to Dr. Yu Kong.

Job Responsibilities

- Develop advanced machine learning models to analyze large-scale dynamic data of heterogeneous types (e.g., images, videos, text, and numbers) created in both simulated, and real-world environments
- Develop advanced algorithms to visualize results of complex machine learning models and fuse real-time human input in various forms
- Collaborate with domain experts for requirement gathering and report results
- Supervise graduate (both PhD and MS) students
- Participate in grant proposal writing and report preparation
- Publish/present findings in research publications

Qualifications

- [Required] A PhD in Computing Science or a relevant field with specialization in machine learning, data mining, and their applications.
- [Required] Strong programming skills and familiar with widely used machine learning packages
- [Preferred] Good publication record in reputable machine learning, data mining, and AI venues, such as NIPS/ICML/AAAI/IJCAI/ICDM/KDD/TKDE, etc
- [Preferred] Experience in interactive machine learning and visual analytics
- [Preferred] Experience in using heterogeneous data, including images, videos, among others
- [Preferred] Good communication skills (written and verbal)