Postdoctoral position in Biomedical Image Analysis @Cornell ECE*

I am recruiting post-docs for my new lab at Cornell ECE* (Electrical and Computer Engineering), which will be launching in the summer/fall of 2017.

The ideal candidate will have a strong background and demonstrable research track record in computational areas relevant to biomedical image analysis, including probabilistic modeling and inference, applied statistics, machine learning, computer vision/image processing, computational geometry, and network analysis. I have several projects that I would like to staff. The various objectives of these projects include (1) building prognosis/diagnosis models that handle heterogeneous, multi-modal, and longitudinal data, with a specific focus on preclinical Alzheimer's disease, (2) examining the genetic basis of the human connectome, and (3) building AI tools for radiology applications. For a more detailed description of my research vision, please see my webpage**. The exact research projects that the post-doc will participate in will be determined based on mutual interests and objectives.

To be eligible for the post-doc position, a PhD (or equivalent) in Electrical Engineering, Biomedical Engineering, Computer Science, or related field is required. The successful candidate is also expected to have a strong publication record and good communication skills.

To apply please send a full CV and a cover letter to me, Mert Sabuncu <ms3375@cornell.edu>. Reference letters are not required for initial inquiry but could be helpful for full consideration if arranged to be sent directly to me via email.

The post-doc position will be supported for at least two years. However, candidates will be appointed for one year, with a second-year extension possible based on progress. The appointment of the postdoc will be in Cornell's School of Electrical and Computer Engineering, a top-ranked department at a world-class, Ivy-league institution.

*https://www.ece.cornell.edu/
**http://people.csail.mit.edu/msabuncu/