

Postdoctoral positions in neural/symbolic AI

Johns Hopkins University/Microsoft Research AI

Two postdoctoral research positions are available to conduct research on integrating neural and symbolic computation for AI/cognitive science, in collaboration with researchers at Johns Hopkins University and Microsoft Research AI. Application domains to be pursued include reasoning and natural language processing, particularly in tasks that demand deep comprehension.

In addition to considerable experience with coding in AI-related areas, applicants should have strong backgrounds in at least two of the following fields: mathematical analysis of neural computation; formal theoretical linguistics; symbolic AI techniques for reasoning and language processing; large-scale neural-network system-building. Candidates will need to have in hand a PhD in a relevant field upon starting the postdoctoral position at a mutually-agreed upon date, ideally in Spring 2018.

Applications will be considered as they are received until the positions are filled. Applications should be sent to GSCpostdoc@jhu.edu. Please note that an application will consist of (i) a letter explaining the applicant's interests in neural/symbolic approaches, relevant knowledge and skills that the candidate would bring to research in this area as well as the training they seek to obtain from the position, (ii) a research statement, (iii) a CV with links to publications, and (iv) the names, affiliations and email addresses of 3 referees who may be contacted by the search committee.