TITLE: Research Professional

GENERAL SUMMARY:
The Econometrics and Statistics group at the Booth School of Business of the University of Chicago invites applications for a postdoctoral Research Professional. The Research Professional will be working under the supervision of Dr. Mladen Kolar, but will have ample opportunities to collaborate with other members on the campus. The Research Professional will be working on a project that will blend aspects of probabilistic graphical models, high-dimensional inference, and scalable optimization. Applications will include problems in neuroscience and social media analysis. The Research Professional postdoc will also be given ample time to pursue his/her own research agenda and prepare for the academic job market.

PRINCIPLE DUTIES & RESPONSIBILITIES:
1. Conduct research probabilistic graphical models and scalable optimization
2. Develop release quality code supporting new methodology
3. Perform benchmarking comparisons in synthetic and real-data exercises
4. Write and edit research documentation for potential publication
5. Create talks/posters and present findings at research conferences domestically and abroad
6. Prepare for a transition to faculty at a major research institution

KNOWLEDGE, SKILLS & ABILITIES:
1. Ph.D. in machine learning, statistics, computer science, econometrics, industrial engineering, or related field required by start date.
2. Familiarity with probabilistic graphical models and related models from the machine learning and statistics literatures highly preferred.
3. Experience with developing optimization procedures preferred.
5. Experience with a compiled language supporting customizable data structures (C, C++) preferred.
6. Comfort in Unix (e.g., Linux or OSX Terminal) preferred.
7. Experience with LaTeX preferred.
8. Ability to work with both minimal supervision and collaboratively required.
9. Excellent verbal, written, and communication skills, in addition to proven organizational skills; ability to seek out, coordinate, and appropriately disseminate information required.
10. Ability to tackle multiple tasks concurrently and meet deadlines required.
11. Ability to follow directions and communicate clearly and effectively required.
12. Submission of an updated resume/CV, cover letter and reference contact information for up to three references are required to be considered for this position.

Interested candidates should apply directly to the University of Chicago job board. Only applicants that apply directly to the job board will be considered for the position. If the link does not send you to the job posting please copy and paste into your web browser. Thank you for your interest in The University of Chicago, Booth School of Business!

http://jobopportunities.uchicago.edu/applicants/Central?quickFind=234536

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