

Post-Doctoral Researcher

Center for Deep Learning (CDL) seeks an exceptional postdoc researcher in the area of deep learning. CDL is comprised of faculty members and PhD candidates from a variety of departments working on deep learning and reinforcement learning problems in the areas of natural language processing, bioinformatics, customer and business intelligence, computer vision, and the internet of things. The research is primarily focused on designing new architectures and models, novel optimization algorithms, and algorithms and implementations. Prior knowledge of kubernetes, python and noSql gives an advantage. We seek applicants with knowledge and expertise in these areas, and interest in IoT and data streaming who are eager to conduct independent research and also to lead projects involving PhD candidates.

Examples of current projects can be found at <http://deeplearning.northwestern.edu>

Application material

Please send the following material to email cdl@northwestern.edu:

CV, the names of three references, a manuscript that you are the first author of, a statement outlining your research accomplishments (of at most two pages), future research plan, and career ambitions.

A successful candidate should have a graduate degree (MS or PhD) and a research track record as demonstrated by publications and open source software. The highest degree must have been obtained in the last five years.

Responsibilities

- Conduct independent research
- Lead deep learning and data science projects with PhD students
- Interact with sponsoring companies regarding select projects
- Participate in outreach (assist organizing a workshop, CDL advisory board meetings)

Northwestern University is ranked twenty-fourth among global universities by US News & World Report. Most of the interactions will be with the faculty and students from the Department of Industrial Engineering and Management Sciences and Computer Science.