



Tripods - Post Doctoral Opening

Postdoctoral opening at Columbia University Data Science Institute

The Data Science Institute (DSI) is seeking a highly qualified postdoctoral scholar to work with faculty members as part of a new cross-disciplinary effort aimed at articulating theoretical foundations for data science, through a program of research, education and center building. The postdoc will work primarily with the PIs (see below) to lead these activities, and will also be encouraged to develop an independent program of research and collaborate with other faculty and students at DSI.

Some specific research directions at the center include understanding tractable classes of optimization problems, developing primitives that support efficient computation on data, and developing methodological foundations for interactive protocols in data science. These directions address challenging problems at the interface between theory and practice, the solutions of which require ideas spanning mathematics, statistics, and computing.

The initial term of this appointment will be for one year, and the start date will be on a mutually agreed upon. The appointment is renewable for up to a total period of three years, subject to the usual standards for satisfactory performance, availability of funding and continued visa clearance (if applicable). Our expectation is for the appointment to be for at least two years.

Applicants must have a Ph.D. in theoretical computer science, statistics, mathematics, or other related fields.

PIs:

- **Alexandr Andoni (Computer Science)**
- **David Blei (Computer Science and Statistics)**
- **Qiang Du (Applied Math)**
- **Daniel Hsu (Computer Science)**
- **John Wright (Electrical Engineering)**

Please send your cover letter, CV and 3 reference letters to DSI-Tripods@columbia.edu

NOTE: Please apply by December 15th, 2017 (or until position is filled) to be considered for a Summer/Fall 2018 start date.