A little about us:

The Lieber Institute for Brain Development was conceived from the realization that a new approach is needed to fully exploit the unprecedented scientific opportunities to accomplish the critical goal of helping affected individuals and their families. The Lieber Institute aims to transform the research landscape in two ways: by providing new tools for scientific discovery and by developing new collaborative approaches to achieve our ambitious mission.

The mission of the Lieber Institute for Brain Development is to translate the understanding of basic genetic and molecular mechanisms of schizophrenia and related developmental brain disorders into clinical advances that change the lives of affected individuals. We are an independent 501(c)(3) medical research institute located in the Bioscience Park on the campus of the Johns Hopkins School of Medicine and Hospital.

The Lieber Institute offers a generous benefits package which includes paid holidays, sick, personal and vacation time off.

Job Summary:

Dr. Qiang (Danny) Chen at Lieber Institute for Brain Development is seeking a **Research Associate** who is interested in bio-statistics and bio-informatics. The successful applicant will work on biomedical data analysis projects, under the direction the group investigator, including statistical modeling, machine learning, and data mining.

The duties of this position includes:

1) Integrating large-scale biomedical datasets into ongoing institute-wide projects.

2) Creating pipelines and tools to benefit Lieber Institute researchers.

3) Contributing in projects for many cross-disciplinary studies including neuro-imaging, genomics, RNA-seq, and behavior.

Qualifications:

- Bachelor's degree (advanced degree preferred) is required in the field of Bioengineering, Biostatistics, Bioinformatics, Genetics, Neuroscience, Computer Science, or related field.
- 3-5 years of related experience is required, and a combination of the following attributes:
- Previous experience in genetic or neuroimaging study will be preferred.

- The position will require proficiency in programming with Python, R, and Matlab.
- Experience with Java and C/C++ will be a plus. Excellent time management and problem-solving skills.
- Excellent written and verbal communication skills, including proficiency with Excel, Word, Powerpoint, Photoshop and related software.

Special Knowledge, Skills, and Abilities:

- Collaborative person who is proud of their important role in the scientific discovery process.
- Driven by providing quality service along with an attention to detail.
- Clear, concise written and verbal skills.

To Apply: Interested applicants should submit a cover letter and curriculum vitae with the subject line "Research Associate-Data Science".

Physical Requirements for Office position:

- Remaining in a seated or standing position for extended periods of time;
- Reaching and grasping to manipulate objects with fingers, for example using a keyboard;
- Communication skills using the spoken and written word;
- Prolonged ability to view computer screen, paper reports/documents, charts and results;
- Having the ability to receive detailed information through oral communications;
- Mobility, including the ability to move materials weighing up to several pounds (such as small office furnishings, reams of paper, a laptop computer or files);
- All other physical demands in a standard office environment.

** If accommodations are needed due to pregnancy or a disability, please contact jobs@libd.org

EEOC Statement:

At the Lieber Institute, we are committed to a work environment of mutual respect where employment decisions are based on merit. As an equal opportunity employer, the Lieber Institute does not discriminate in employment opportunities on the basis of race, color, religion, color, sex, gender identity/expression, sexual orientation, pregnancy, marital status, age, national origin or ancestry, citizenship, disability (physical or mental), genetic information, military service, or other non-merit based factors protected by state or federal law or local ordinance, with regard to any position or employment for which the applicant or employee is qualified.