

D. E. Shaw Research

Position ID: [1190-APPMATH](#) [#8611]

Position Title: Algorithm and Software Developers for Computational Biochemistry at D. E. Shaw Research

Position Location: New York, New York 10036, United States [\[map\]](#)

Application Deadline: (posted 2016/05/17, updated 2016/03/11, listed until 2016/06/20)

Position Description:

Extraordinarily gifted computational scientists and engineers are sought to join a New York–based interdisciplinary research group pursuing an ambitious, long-term project aimed at achieving major scientific advances in the field of biochemistry and fundamentally transforming the process of drug discovery.

Candidates should have a demonstrated track record of academic, industrial, and/or open-source accomplishments. Relevant areas of expertise might include parallel computing on high performance computing systems employing multi-core, GPU, or special-purpose architectures, numerical analysis, C/C++, or Python programming, data-intensive computing, compilers, operating systems, or distributed systems, but specific knowledge of and level of experience in any of these areas is less critical than exceptional intellectual ability. We are prepared to reward exceptionally well-qualified individuals with above-market compensation.

Among the group's current research activities is the development of new algorithms and software for molecular dynamics simulation and data analysis both on commodity clusters and on Anton, a massively parallel special-purpose supercomputer of our group's design. Successful candidates will have the opportunity to work closely with a number of the world's leading computational chemists and biologists, and to make fundamental contributions within the fields of biology, chemistry, and medicine.

To submit an application, please use the link provided below: <http://www.deshawresearch.com/recruit/jobs/Ads/MathJobs/CS>

D. E. Shaw Research does not discriminate in employment matters on the basis of race, color, religion, gender, pregnancy, national origin, age, military service eligibility, veteran status, sexual orientation, marital status, disability, or any other protected class.

This employer is not accepting applications for this position through Mathjobs.Org. Please see the job description above on how to apply.

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