

Software Development at D. E. Shaw Research: Supercomputer for Computational Biochemistry

Software developers sought to design and implement high-performance code for massively parallel special-purpose supercomputers. Our ANTON® supercomputers, which combine cutting-edge ASICs with proprietary software, speed up molecular dynamics simulations by orders of magnitude and are designed in part to fundamentally transform the process of drug discovery. Successful hires will join an interdisciplinary research group pursuing an ambitious, long-term project aimed at achieving major scientific advances in the fields of biochemistry and molecular biology.

Ideal candidates will have demonstrated low-level programming ability and excellent communication skills. Relevant areas of expertise might include parallel programming, embedded systems, multicore and GPU programming, high-performance distributed computing or architectural simulation, but specific knowledge of any of these areas is less critical than intellectual curiosity, versatility, and a track record of achievement.

We are looking to add innovative contributors who share our commitment to fostering a stimulating, positive, and collaborative work environment. In addition, we strive to support the personal and professional needs of our team members by offering generous benefits, opportunities for community engagement, and a variety of learning and development programs. We also provide generous relocation and immigration assistance to new hires. We will consider candidates at all levels of experience.

To submit an application, please use the link provided below: (We accept applications on a rolling basis throughout the calendar year)

https://apply.deshawresearch.com/careers/Register?pipelineId=585&source=Nanyang+Technological+University_1

D. E. Shaw Research is an equal opportunity employer, dedicated to the goal of building a diverse workforce. We embrace diversity along all dimensions, and respect and value the unique qualities, perspectives, and identities of every person in our group. We welcome inquiries from all exceptionally well-qualified applicants, regardless of race, color, nationality, national or ethnic origin, religion or religious belief, caste, gender, gender identity, pregnancy, caregiver status, age, military service eligibility, veteran status, sexual orientation, marital or civil partner status, disability, or status in any other category protected in this regard by law in any jurisdiction in which we operate.