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Intern, Computational Biology

Company Overview

Strand Therapeutics is an early-stage biotechnology company utilizing synthetic biology to genetically program mRNA to deliver truly revolutionary immunotherapies.

Building on the idea of creating smart therapies that are capable of making sophisticated decisions, Strand was started by biological engineers working together at MIT who were seeking to apply the concept of the emerging field of mRNA therapeutics. This collaboration led them to build their own mRNA “programming language,” creating the world’s first platform for mRNA smart therapies.

The founders and scientific advisors of Strand Therapeutics are made up of well-known and highly regarded individuals in both academia and the biotech industry. We are located in the heart of Kendall Square in Cambridge, MA.

Become the next standout single *strand*!

Job summary

Strand is looking to build a team that understands the value of working at a start-up. Joining the company now means having vast opportunities to learn and grow including having the exposure to all aspects of building a company. We are looking for people who have the enthusiasm and motivation to be a highly contributing member of a small team. This opportunity will offer the employee the ability to work closely with the founding team, as well as to form close partnerships with team members during the development and formation of the company.

We are looking for a highly motivated and innovative candidate for the role of Intern, Computational Biology, in the Synthetic Biology Department. This is a fantastic opportunity to make a significant impact as a scientifically motivated self-starter capable of independently conceiving, conducting, and critically analyzing his/her own work with minimal supervision. **Work for this position would begin entirely remotely, with the possibility of beginning in person meetings in Spring or Summer 2020.**

You are someone who is:

- Passionate about science and takes a proactive approach to learning new technologies and methodologies.
- Efficient and effective at working and communicating remotely.
- Experienced with streamlining computational workflows.

Some of the work you will be doing:

- Streamlining deployment of big data simulations in AWS cloud.
- Working with synthetic biologists to develop and deploy biologically relevant algorithms.

Qualifications:

- B.S. in computer science, computational biology, biological engineering or a related area is required. We will consider candidates who have not formally completed all graduation requirements due to COVID-19 related university closures but had expected to graduate in spring or summer 2020.
- 1-3 years of research experience in a computational biology environment.
- Deep experience deploying and streamlining big data simulations in AWS.
- Deep experience with aws-shell.
- Fluent in R and/or python.
- Ability to telework in a secure environment and adhere to Strand's company-wide remote work policies, including those protecting confidential information.
- Experience with genomic and/or NGS data a plus.

Strand Therapeutics is an equal opportunity employer. We do not discriminate on the basis of race, color, gender, gender identity, sexual orientation, age, religion, national or ethnic origin, disability, protected veteran status or any other basis protected by applicable law. Strand does not accept unsolicited resumes from any source other than directly from candidates.

Job Type: Intern

Salary: Commensurate with role and experience