



<https://www.scala-bio.com/>

Senior protein designer position

Scala Biodesign, a new biotech startup, is building an advanced computational platform for protein engineering to meet the rising demand for protein-centered products and processes in various markets, from therapeutics and diagnostics to enzymes for sustainable chemistry and cleantech. We aim to vastly accelerate and improve the complicated and lengthy process of transforming natural proteins into commercial products by optimizing properties like potency, manufacturability, and resistance to industrially relevant conditions.

We are looking for a senior computational protein designer to join our multidisciplinary team of structural biologists, protein engineers, and software engineers; a team player who is excited to work in a small startup atmosphere and take part in all aspects of running a biotech company that turns scientific breakthroughs into valuable products with a positive impact on humankind.

Responsibilities

As part of our team you will develop, test and apply cutting-edge computational protein design methods to address challenging protein engineering problems:

- Execute computational design projects in collaboration with customers from start to end
- Deep dive into the biochemistry and structure of various proteins



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- Develop, test and troubleshoot new computational protein design algorithms
- Staying current with the latest advancements in protein design
- Apply machine learning models for protein engineering

Requirements

- PhD in protein engineering, structural biology, enzymology, biochemistry, biophysics, or related fields, or MSc with a minimum of 3 years experience in industry in the described fields
- Proficiency in protein structural analysis and structure-function relationships
- Prior experience in wet-lab protein engineering or computational protein design in close collaboration with experimentalists
- Advantage: experience with Python programming
- Advantage: experience with Rosetta macromolecular modeling software
- Advantage: experience with developing and applying machine learning models on biological datasets

- Strong communication and collaboration skills
- Fast learner and proven ability to master new domains
- Excellent time management
- Can-do attitude, pushing to get the job done.

Contact

To apply, please send your CV to the following email addresses.

adi@scala-bio.com

shiran@scala-bio.com