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| **Title** | Scientist 1- Computational Protein Engineering |
| **Posting Country** | United States |
| **State/Province** | California |
| **Posting City** | San Diego |
| **Job Level** | Experienced Professional |
| **Job Description** | We are seeking a talented and driven Scientist 1- Computational Biology (Protein Design) - to join our dynamic interdisciplinary protein engineering group that is responsible for the development of novel protein reagents for Next Generation Sequencing (NGS). The successful candidate will initiate, execute and analyze research in the area of computational Biology / Bioinformatics applied to NGS, collaboratively working with multidisciplinary teams. **Tasks and Responsibilities:** * Plan and execute various computational methods to engineer and/or discover novel enzymes for NGS, with defined goals and timeframes.
* Develop tailored computational methods for enzyme design, engineering and discovery
* Participate in multi disciplinarily protein engineering projects and interact with engineers, chemists, biophysicists and protein scientists, to deliver protein variants with desired properties.

 All listed tasks and responsibilities are deemed as essential functions to this position; however, business conditions may require reasonable accommodations for additional task and responsibilities. **Preferred Educational Background:** * PhD in computational biology, computational protein design, bioinformatics (with comprehensive protein knowledge) or similar and related fields.

 **Preferred Experiential Background:** * 2+ years of hands-on experience in the development and implementation of computational approaches to protein design, protein engineering and directed evolution.
* Familiar with scripting languages such as Python, Perl, bash etc.
* Familiarity with data mining / web scrapping tools is a plus
* Comfortable meeting deadlines in a fast paced biotech environment.
* Sound understanding of the latest genomics technologies and methodologies.
* Good communication skills.

 EOE/Minorities/Females/Vet/Disability |