Plantae Bioscience Recruiting

Computational Protein Design Lead

Our Client developing improved plants enriched with health-related compounds for key human health challenges. Cutting edge genome editing and protein optimization technologies combined with plant tissue culture and disruptive agricultural approaches will drive the plants' improvements. The improved plants will take a vital role in the cellular agriculture and vertical farming revolutions. The Weizmann institute backs the company. The Company business model comprises independent or collaborative R&D with advanced development and commercialization conducted by our partners (vertical farming, Ingredients, or food companies).

Job Description:
Duties and Responsibilities
The computational protein design manager will be leading the computational protein design pipeline and utilization across multiple projects.

The candidate requires to:
1. Establish computational protein design pipeline architecture.
2. Lead successful technology transfer from Weizmann Inst. into Plantae Bioscience.
3. Lead the performance of technology utilization across multiple design project.
4. Pending seniority level will lead the computational unit to support protein design and genome editing workflow performance.

Required Education, Experience and Qualification:

Required academic education:
Dual education of Biology and Computer science and MSc in protein design Ph.D.– preferred.

Required experience and qualifications
Proven experience using the following methodologies:
- Protein/enzyme design
- Molecular modelling
- Data mining (SQL databases)
- Python/R/Pearl
- Machin learning
- Linux
- Git
- AWS

Advantage:
- Protein chemistry
- Biophysical assays
- Biochemist
- Comparative genomics
- Bioinformatics

Soft skills:
Able to undertake and independently manage pipeline development and project performance to meet goals and milestones. Good teamwork, cross-culture experience, and fluent English

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