

Senior Data Scientist

Rumenera - Be'er Sheva based microbiome startup company

COMPANY OVERVIEW

Rumenera is a biotech startup company that uses microbiome guided strategies to decrease negative environmental impacts caused by ruminants, while maintaining food security. Rumenera, funded and supported by Impact NRS and its Impact investor partners, implements machine learning and classic lab methodologies to develop tools which will be executed world wide to tackle this issue.

RESPONSIBILITY

The senior data scientist will build and lead the data science team in Rumenera. You will develop algorithms and predictive models to turn the company's big data into actionable insights to answer the needs of stakeholders

REQUIREMENTS

- MSc/PhD in computer science or bioinformatics or PhD in biological sciences.
- Proven experience in statistical computing and machine learning tools and models, bioinformatic big data analysis with emphasis on microbiome analysis.
- Proven ability to summarize and clearly articulate technical concepts, summaries and data interpretation to functional groups with and without similar scientific backgrounds.
- Proven track record successfully managing complex projects.
- Excellent interpersonal and communication skills, oral and written.

PREFERED:

- 5+ year scientific experience in microbiome analysis research with at least one year in an industrial or biotechnology (non-academic) setting.
- Experience in conceiving, establishing and executing early stage research projects in microbiome analysis or related areas.
- Expertise in using multiple DNA sequencing methodologies and bioinformatic pipelines, curating, and manipulating large data sets and establishing data quality metrics.
- Ability to critically evaluate the primary literature and design appropriate experiments with the aim of achieving timely Go/No Go decisions on project viability.
- Proven publication record in high-quality peer-reviewed journals or industry equivalent

Please email your CV to: nili.dagan@rumenera.com