

We are hiring an **AI/ML Biostatistician**

Biome Makers is an AgTech company specialized in microbial analysis of soils for the agriculture industry. We leverage proprietary DNA Sequencing technologies and Intelligent Computing to monitor microbial networks of soils to accelerate the worldwide transition to regenerative agriculture.

We are looking for a motivated and experienced individual to work as an Artificial Intelligence / Machine Learning Biostatistician in our Data Science Team.

Location: Europe (remote job)

Duties & Responsibilities:

- Design and develop novel quantitative models and computational systems based on microbiome and associated data, that can enhance our products' utility for clients
- Rapidly implement several approaches in cases of novel problems, and propose an appropriate solution
- Communicate, explain, and contextualize statistical concepts and results to a wide variety of stakeholders (with varying degrees of statistical know-how)
- Support the data science team in the form of statistical advice
- Develop and embed automated processes for predictive model validation, deployment, and implementation
- Digest and implement innovative methods from scientific literature
- Evaluate existing production and development code with an aim to improve rigor, accuracy, and/or performance
- Timely and successful delivery of solutions and reports according to the company needs
- Maintenance and documentation of software, following best software engineering practices and reproducibility technologies

Job competencies & Personal attributes:

- PhD in a quantitative field (statistics, mathematics, computer science or similar). Alternatively, Ms in a quantitative field and 4 years of experience as an AI/ML engineer or statistician (industry or academia)
- Proficiency with a wide variety of Machine Learning (including Deep Learning) and Artificial Intelligence approaches, with demonstrable hands-on experience
- Strong programming skills: advanced-level R and Python (github portfolio is a plus)
- At least 1 year of experience in a biological field with count compositional data (microbiome, gene expression or single-cell)
- Experience using version control software (e.g., Git) to manage programming code
- You are fluent in English (and Spanish is a big plus)
- You are a multi-task maker (this is key for the position)
- Good problem-solving, analytical and communication skills to work in a distributed team
- Ability to take ownership over your work.
- You have great adaptation capabilities, flexibility, and resilience in a very dynamic and challenging context.
- You are proactive and you identify potential blockers in advance and you can plan your activities accordingly.
- You solve problems with a pragmatic approach balancing best practices and speed.
- You are a team player willing to share information and coordinate with your team

You Might Also Have

- Familiarity with querying relational databases
- Familiarity with AWS cloud computing
- Experience working in a Unix/Linux environment
- Feel comfortable when facing the unknown and don't shy away from challenges
- You want to make an impact
- You blend with the company culture and have a sense of humor

We Have:

An international leading team working to improve the health of our planet from the soil up! With a fun and energetic working environment, our multi-skilled, dedicated team is composed of industry experts, top scientists, and talented engineers who love spreading expertise and creativity with a desire for self-improvement. Our cultural DNA is based on these five values:

- Inspire one another,
- Innovate in all we do,
- Leave a mark on the world,
- Find the possible in the impossible,
- Be direct and transparent.

We provide competitive salaries and some of the best perks in the industry, including:

- Flexible work environment.
- Time when you need it, generous vacation policy.
- Encouragement to get out of the office and into the field to see first-hand how our products are being used.
- We take part in and offer workshops, conferences, meet-up groups, and tech-talks to encourage participation and growth in both community involvement and career development.

This is the chance to boost your career and develop your skills in one of the fast-growing companies in AgTech. We need brains, ambition, and passion to continue helping farmers everywhere to keep their soils productive.

As part of our dedication to the diversity of our workforce, Biome Makers is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regards to race, color, religion, sex, national origin, disability, or veteran status.

We'd love to hear from you!

Send your LinkedIn URL and resume to jobs@biomemakers.com

We Are:

Biome Makers is an AgTech startup developing Smart Microbiome-based tools to measure Soil Health to support the Future of Agriculture. We have developed a proprietary technology based in DNA Sequencing and Intelligent Computing to profile and understand the impact of microbes pursuing more sustainable and productive agriculture.

Today over 1000 customers globally are farming more responsibly thanks to Biome Makers. We keep growing. We are VC-backed. We are 70 international team members spread between West Sacramento (CA, USA) and (Spain).

Biome Makers has been widely recognized as a biotech startup leading the revolution of AgMicrobiome. Biome Makers has been recognized overseas by the most prestigious innovation and AgTech institutions such as AgFunder, Terra Accelerator, Plug and Play, Illumina, Bayer Crop Science, and FoodBytes!

But we're really just getting started. Make something exciting, come join us and make a difference!