

Job Title: Data Scientist

About Hydrostasis

Hydrostasis aims to be *the standard* for hydration monitoring - providing actionable, realtime, and personalized hydration information that can improve individual performance, health and safety. There is a significant need across many sizable markets - including personal wellness, sports, healthcare and military settings - and we will be first to crack the code on this complex and exciting problem. Our solution, soon to enter it's 4th round of prototyping, combines science, data science, and technology to deliver compelling, useful information to its users.

Job summary

We are an early stage start-up looking to make fast traction. Data science is at the heart of our problem space, and we're seeking a self-motivated data scientist who wants to play a significant role in the development and delivery of our products.

The ideal candidate will be responsible for running analytical experiments in a methodical manner, and will regularly evaluate alternate models via theoretical approaches. This is the perfect opportunity to become a part of an innovative and energetic team that develops analysis tools which will influence both our products and clients.

You should be legally authorized to work in the US. We do not provide visa sponsorships.

If you like your tasks to be spoon-fed to you or wait on others to remove roadblocks, this role is not for you. But if you enjoy working shoulder-to-shoulder with other smart people while you problem-solve and help us envision the future, you would fit in well.

If you are interested in this role please emails us at talent@hydrostosis.com

Responsibilities

- Work closely with the team (science, product and engineering) to understand goals and determine how data can be used to achieve those goals
- Run rapid data experiment iterations: set clear objectives, articulate hypotheses, design appropriate experiments, apply appropriate algorithms and analysis, and distill for the broader team
- Generate conclusion reports for each experiment and present to the team in a succinct and focused fashion
- Process time series data, remove noise and outliers, apply appropriate statistical methods and algorithms in the drive to answer data related questions.
- Research and develop statistical learning models for data analysis
- Implement new statistical or other mathematical methodologies as needed for specific models or analysis
- Utilize AWS services as required to pull from or store relevant data (e.g. S3, ElasticSearch).
- Strategize and collaborate with the engineering in productizing data science "product" (algorithms, data processing pipelines).

Qualifications

- 5+ years of practical experience as a data scientist utilizing statistical analysis, time series analysis and ML
- Strong expertise in time series processing and analysis.
- Expertise in human physiology and biology is a huge plus.
- Production experience with Python, Jupyter, data transformation (ETL), various ML and Deep learning libraries and tools, and productizing algorithms.
- Excellent pattern recognition and predictive modeling skills.
- Strong communication skills and ability to extract and share insights from data. Ability to distill experiment results into a succinct user/product related stories and focused visualizations.