About Health Rhythms [https://healthrhythms.com]
Mental health has been neglected the world over, yet it is central to our cognition, perception and behavior. We want to change that. Our mission is to redefine not only how we measure and treat mental illness, but how we optimize well-being as a whole. We are making it easy to measure and care for everyone’s mental health.

We are an early-stage startup that uses sensor signals from mobile phones & wearables to understand behavioral health and treat mental health conditions. We’re funded by the National Institutes of Health, as well as through seed investors. We have contracts with research hospitals and pharmaceutical companies who are trying to better understand and treat mental health conditions.

If being part of an accelerating startup in a personally and socially crucial area sounds exciting to you, please read on.

Who we are?
We believe we have the world’s best equipped team to make a significant impact on mental health. Our team is made up of mental health pioneers and computer scientists at the forefront of health sensing. Our CEO is a leader in the field of behavioral sensing; our Chief Medical Officer literally wrote the book on measuring mental health; our Chief Scientific Officer is an expert in mood disorders and their treatment, and created the leading behavioral treatment for bipolar disorder; and our CTO has pioneered the use of consumer technology in the treatment of mental illness.

What we value?
- Mental health as foundational to overall health.
- Protecting patient privacy at all costs. We actively develop privacy protective algorithms to ensure that only clinically relevant information is recorded.
- Creating person-specific interventions driven by machine learning that dynamically adapt and scale, yet remain personal.
- Deploying empirically-validated approaches to measuring and improving mental health
- Empathically supporting people in becoming more active, socially engaged, and above all more mentally healthy.
- We value people who are passionate to transform how mental health is considered in society.
What you’ll be working on
Our collection of mental health data is growing rapidly. We collect sensor data from phones and wearables, as well as clinical data. As a Senior Data Scientist, you will be one of the algorithmic brains behind designing and implementing our continuous behavioral monitoring and intervention infrastructure.

Your day-to-day work will involve:
- Implementing and optimizing various machine learning techniques on continuous sensor data streams to build behavioral health profiles of users
- Implement and evolve our feature engineering pipeline to extract important behavioral markers from multi-modal data streams
- Developing predictive models to help identify patients whose mental health is declining or improving
- Developing algorithms to automate sensor-driven just-in-time interventions to improve their mental health
- Optimizing our data pipeline for feature processing and analysis
- Promoting the adoption of best-practices in data science techniques across the company
- Communicating data science insights to the rest of the team

Requirements
- 3+ years of industry experience
- MS or PhD in a quantitative discipline such as computer science with concentration in machine learning or data science
- In-depth experience with Python and the Python data science libraries (NumPy/SciPy/Pandas/scikit-learn/etc)
- Ability to initiate and manage projects to completion with minimal guidance
- Experience with a high-performance machine learning framework like Torch, Theano, or TensorFlow preferred

Who we’re searching for?
You are someone who will make our team, our product and, ultimately, our customers better.

You have a bright open mind, you’re technically talented, and you want to make a difference in the world.

You enjoy getting involved in complex projects that resolve into seamless human experiences. Anything related to health, and particularly mental health, requires rigorous security and heartfelt concern for protecting people’s personal data.
You relish a challenge. You care deeply about the problems we’re solving and enjoy the complex challenges they present.

You possess strong written and verbal communication skills. Several of our team members work remotely, so fluent, honest and direct communication is essential.

You're a self-starter. You’re an independent thinker and tinkerer, you won’t wait around to be told what to do, you pick up your tools and get going. You possess abundant initiative.

You contribute beyond your job description by sharing ideas, concerns, and solutions.

What your weekly routine might look like?
As a HealthRhythms’ employee, we will support you finding a custom, flexible work schedule that enables you to thrive personally and professionally. Your day-to-day will have minimal distractions. Meetings are only as frequent as they need to be and always as lean as they can be. We use Slack and Hangouts to connect and Jira to manage releases. We are always open to optimizing our workflow.

Benefits and Perks

- Be part of a fast-growing company in a high impact field
- 100% employer-covered health insurance and a flexible vacation policy
- Early-stage startup equity with potential for significant increase in value
- A talented team of smart and supportive people
- The opportunity to improve mental health for millions of people across the world!

We believe that diversity makes us better: we welcome people from all backgrounds.

Want to apply?
To apply please email us at jobs@healthrhythms.com telling us the job title you are applying for, a little about yourself, and why you are applying for this position. Please include your resume and links to previous projects you enjoyed working on or think may be relevant.