CORAL GENOMICS

Senior Machine Learning Engineer
San Francisco, CA, USA

Our DNA

Coral was founded upon the principle that the shared evolutionary history that has shaped our biology is a resource which can transform medicine. It will take collective effort and cognizance of pre-existing disparities to transduce this diversity into therapies that work well for each of us. We've developed novel genetic techniques that can rapidly and scalably measure how individuals will respond to drugs.

We are looking for someone who wants to be a big part of this effort. Someone motivated by making an impact on how healthcare is delivered, willing to take risks, and capable of translating their ideas into practice. You will be joining the tight-knit founding team of a company dedicated to reducing healthcare costs and disparities.

Coral was founded by two PhD grads from MIT and was part of the summer 2018 Y Combinator batch. We have financial support from some of the top investors in the Bay Area.

About You
- Wants to be a big part of an diversity-oriented biotech
- Excited about creating insight from some of the largest biological datasets in existence
- Committed to respecting patient data privacy
- PhD in statistics, machine learning, computational biology or 3+ years of relevant experience
- Experience working in and leading cross-disciplinary research projects
- Publication record demonstrating clarity, creativity, scientific rigor
- Experience with bash scripting, Python, Pytorch or Tensorflow, GCP or AWS
- Experience applying ML algorithms to dataset sizes 50 GB or larger
- Experience achieving state of the art results for reimplementing published algorithms

Preferred Qualifications
- Experience in genomics analyses: alignment, variant calling, RNA-seq, multi-omics integration
- Deep experience one of the following neural network architectures GNN, CNN, autoencoders
- Experience interfacing with pharmaceutical companies, insurance providers, or healthcare consulting
- Practical experience with life science experimentation

Benefits of Life in the Reef
- Excellent medical, dental, and vision coverage
- Top-notch salary and equity package
- Open vacation policy
- Fitness stipend

If interested, please submit your CV and a paragraph on why you're interested to atray@coralgenomics.com.