

Data Scientist, Artificial Intelligence / Machine Learning

IDbyDNA is seeking a Data Scientist in Artificial Intelligence / Machine Learning with experience in natural language processing to join our rapidly growing research and development team dedicated to advance precision diagnostics for infectious diseases.

The Position

- Data scientist position working within a team of bioinformaticians and computer scientists developing the future of infectious disease tests
- Develop AI applications to improve precision diagnostics by using multidimensional data from thousands of patient samples and unstructured text data
- Build models based on millions of text documents to gain insight into the link between human disease and microorganisms
- Apply document-classification models for the molecular classification of pathogens to diagnose infectious disease

Qualifications

- Bachelor's degree or higher in AI or Computer Science with an AI emphasis (equivalent experience will also be considered)
- Building complex, scalable models using Tensorflow
- Proficiency with the Python programming language
- Experience with C++
- Good knowledge of data structures and algorithms

About IDbyDNA: IDbyDNA has developed transformative metagenomics technology to simultaneously profile tens of thousands of microorganisms and pathogens in any sample using cutting-edge, metagenomic next generation sequencing methods. We apply this technology to offer precision medicine solutions by identifying microorganisms that have previously been missed and inform optimal treatment of patients with infectious diseases. Our turn-key Explify® platform easily integrates into medical laboratories to deliver actionable information to healthcare providers. Working with our global partners, we are setting the standard for the identification and understanding of microorganisms and their role in human health. <http://www.idbydna.com/>

If you share our passion for improving the lives of patients with infectious diseases using the latest genomics and computational approaches, please contact us at career@idbydna.com.

