



C8 MediSensors, Inc.
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*C8 MediSensors is creating an innovative optical technology platform
for non-invasive concentration measurement of substances in the human body,
to better diagnose and support treatment of major diseases and to help maintain health.*

We have an opening for the following position:

Senior Data Analyst

Responsibilities:

1. Create and develop analysis tools for multidimensional analysis of measured data on target analytes in biological tissues.
2. Develop techniques based on multivariate analysis, variational analysis, and optimization in spaces of large dimensions, to accurately predict the relevant variables.
3. Collaborate both with other theoreticians and experimentalists, while providing guidance in optimizing the data collection program.
4. Work with an exceptionally broad multi-disciplinary team, generating, understanding and utilizing insights in Applied Mathematics, Physics, Chemistry, and/or related fields.

Qualifications:

1. PhD or equivalent knowledge and experience in Applied Mathematics, Physics, Chemistry or related field(s).
2. Strong record of making significant, novel, fundamental theoretical contributions based on multivariate analysis, with demonstrated expertise in data-mining and numerical analysis highly desirable.
3. Skilled in translating analytic ideas into computationally efficient code, and in the manipulation of large data-sets.
4. Critical and rigorous thinker with a strong ethical commitment to arriving at conclusions based on proper confidence levels.
5. Demonstrated creative technical leadership, exceptionally strong inter-disciplinary skills, flexible thinking, intense curiosity and desire to learn.
6. Demonstrated ability to collaborate productively with experimentalists.
7. Demonstrated focus and ability to work to committed schedules.
8. Self-motivated and able to contribute significantly to definition and optimization of work-program.
9. Demonstrated ability to work effectively with minimal supervision.
10. Proficiency in written and verbal communication in English.
11. Active interest and desire to work on problems relevant to mitigating major human health problems is valuable.
12. Previous work in a Matlab, C and/or C++ environment, including manipulation of large data sets is desirable.