



Research Engineer, Applied Mathematics

Intelligent Locations, located in Chicago, IL, USA offers the most cost-efficient, healthcare focused, real-time location services (RTLS) platform on the market. There is no need to piece a solution together. Our comprehensive platform provides everything our users require - from installation to end-user analytics. When our platform is implemented, we decrease the time it takes to locate equipment, move patients through the system and focus care teams. Saving significant time means dramatically decreasing the costs to deliver care. Intelligent Locations begins to pay for itself on day one!

The company is in the process of opening an R&D Center of Excellence in France where all the fundamental research will be conducted. This R&D Center will deliver unique solutions – algorithms, engines, concepts – which will be incorporated in company’s core products. The Research Engineer will be the focal point between the back-end Software development team, located in Bucharest, Romania and the front-end Software development and operations teams located in Chicago, USA. The goal of the R&D Center of Excellence is to leapfrog competition by developing new IP (Intellectual Property) in the Healthcare IT domain and oversee its successful implementation.

Location: Paris or Aix-en-Provence
Salary: Negotiable + participation in the capital for the right candidate
Start Date: October 1st (target)

Position Summary

For this permanent position (“Contrat a Duree Indeterminee”), a PhD in Applied Mathematics is required. The candidate masters the theory of Probability and Statistics. Predictive Analysis, Machine Learning and Big data are part of the knowledge necessary for a successful candidate. A vital knowledge of software development with the following emphasis:

- Programming languages: Python (NumPy, scikit-learn, Pandas, Statsmodels), Base SAS, SAS/STAT (KRIGE2D, MCMC, ANOVA), C++, MATLAB, Octave, R, SQL, TCL, Bash (Unix shell), PowerShell. JAVA will be a big plus.
- Operating Systems: Microsoft Windows, Unix OS family such as Linux and OS X.
- Software tools: JMP, Minitab, Weibull++, ALTA, DOE++, RGA.
- Experience with Slack for communication.

Additional Requirements

- Self starter – but have the ability to work in small teams.
- Ability to understand and conceptualize ideas, then implement them in code.
- Must be self-motivated, professional, confident, flexible, and results-driven.
- Any other duty that may reasonably be allocated by the CEO.
- Analytical and problem-solving skills, and ability and desire to learn complex issues.
- Thrive in a fast-paced, multi-cultural work environment.
- Fluent in English.



- Willing to relocate to the South of France if needed.