

JOB ANNOUNCEMENT

Mathematical Modeler

Lisbon, Portugal

Exigo is a Portuguese consulting company that started its activity in 2001. The core business of Exigo has been consulting services for the health sector, mainly in the field of health economics, epidemiology and mathematical and statistical analysis. Exigo disposes of a young, dynamic and multidisciplinary team that combines a high level of theoretical and practical knowledge. This allows us to respond to the needs of our clients in an impartial and rigorous way.

The **Quantitative Methods Department** at Exigo intervenes in the majority of projects developed by the company, contributing to their precision and rigor. The department is constituted by mathematicians, statisticians and health economists with different levels of education and experience. At the department we give value to solid theoretical knowledge and its application in solving our clients' everyday problems.

Exigo is seeking to recruit candidates with the following profile/qualifications:

- 1) Licentiate's degree, master's degree, engineering degree or Ph.D in **mathematics** or related field;
- 2) Theoretical and practical knowledge of fundamental concepts of mathematical modeling;
- 3) Excellent documented programming skills;
- 4) Advanced knowledge of English (written and spoken);
- 5) Good interpersonal relationship qualities;
- 6) Solid problem solving capabilities;
- 7) Creative and innovative thinking.

Experience with **mathematical and/or statistical modeling** software and **general purpose programming languages** are considered a plus.

The announcement is open for candidates **with and without previous experience**.

EXIGO CONSULTORES

Cogent & Accurate Solutions

Job description:

- a) Use mathematical models to synthesize qualitative and quantitative data from biostatistics and epidemiology to support medical/health decision-making for health policy assessment.
 - b) Applying multiple simulation modeling techniques (Markov models, discrete event simulation models, agent-based models, multiparadigm models, etc.);
 - c) Prepare reports, manuscripts, posters and presentations;
 - d) Continuously review the existing literature on quantitative methods applied to the field, to keep abreast of the latest developments and identify possible future research directions.
-

Deadline for job applications: March 18th, 2016.

Candidates should send a **motivation letter** and their **curriculum vitae** to the email: **recrutamento@exigoconsultores.com**. Further information can be obtained through the above email or by phone (+351) 21 896 71 58/9.