# Société de Calcul Mathématique SA
*Mathematical Modelling Company, Corp.*
### Tools for decision help
### Since 1995

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**Job offer: Research Engineer**

Updated: November 2016

We recruit a Research Engineer, with good theoretical knowledge in probabilities, statistics, optimisation.

This engineer will also have to contribute to the development of our activities, which requires sufficient communication skills.

Established in 1995, our Company creates mathematical models, algorithms, and solves optimisation problems (please see the English pages of our web site, www.scmsa.eu). We do not work in numerical analysis or scientific computation. Our task is usually to discuss the framework of the problem, and to conceive the methods for the solution. Probabilities quite often occur in our approach, as a mean to take uncertainties into account.

Main fields for application: transportation networks, energy, health, environment. Mathematical modelling, definition of indicators for safe operation, uncertainty analysis. Prospective and planification; analysis of information systems, detection of incorrect data, reconstruction of missing data.

We are a small company (10 people, full time); we expect from our Engineers a personal commitment which goes far beyond the technical aspects of our contracts. They must be able to follow the contracts: discussing with the clients, organizing meetings, writing reports, presenting results, writing articles, and, at the end of a contract, all means of presentation of the work which has been done.

The successful candidate should have :

– Master level (we accept beginners) in mathematics, or other scientific disciplines (physics, chemistry, computer science, and so on);

– A good preliminary background in probabilities;

– A perfect knowledge of the French language (both oral and written); English is sufficient for a start, but the candidate will have to learn French quite quickly;

–   The ambition to develop a sector of activity, by personal implication;

–   Quite satisfactory communication skills.

A good knowledge of Matlab would be useful, plus the ability to program in one of the usual computer languages (VB, C++, Fortran, etc.).

Type of contract: CDI (permanent, French law)
Place of work: in our offices, 75008 Paris, France
Gross income: 28 000 Euros per year.

Please send CV with photo and application letter to:
SCM SA, 111 Faubourg Saint Honoré, 75008 Paris.
or by email: contact@scmsa.com