

Rocscience has been creating easy to use, reliable geotechnical software since 1996. With more than 3000 customers worldwide, we're committed to providing high-quality, affordably priced software and the best customer service in the industry. Join us.

Geomechanics Software Developer/NSERC Industrial Research Fellow

Rocscience is searching for a postdoctoral candidate to fill an NSERC Industrial Research Fellowship position. The successful applicant will begin January 2004.

Responsibilities

Reporting to the Soil Mechanics Team Leader, key responsibilities include:

- researching technical literature and identifying algorithms to solve finite element problems related to geotechnical engineering
- converting research findings into C++, Windows code
- testing and debugging codes, verifying the results of newly programmed solutions
- documenting theory, implementation and verification of new solutions

Qualifications

The successful candidate should possess:

- a Ph.D. in computational geomechanics, geotechnical engineering, geoenvironmental engineering or a related discipline (completed in last 5 yrs. - those close to completion will be considered)
- proven experience in developing C++ and finite element codes
- knowledge of soil/rock mass, groundwater or soil-structure interaction modelling
- excellent record of scholarly research and strong writing skills
- Canadian citizenship or permanent residency (in accordance with NSERC requirements)

Rocscience offers a competitive compensation package and a stimulating corporate culture that rewards excellence and fosters professional development. For more information on Rocscience, visit our web site at www.rocscience.com.

Applications will be accepted until position is filled. Interviews begin November 15, 2003.

Qualified candidates are invited to send a resume, academic transcripts and three references by e-mail to postdoc@rocscience.com or by fax to (416) 698-0908.

We thank all applicants, but only those selected for an interview will be contacted.