Scientific Software Developer

De Novo Software is a rapidly growing company specializing in data analysis solutions for scientific experiments. Our flagship product, FCS Express, is used in thousands of research and clinical laboratories worldwide in applications ranging from basic science to disease diagnosis. We are a small company located in Los Angeles, CA.

This position is for those looking for those who enjoy integrating cutting-edge data analysis algorithms into commercial software. Depending on the candidate, aspects of the job will include researching, developing, comparing and optimizing algorithms for analyzing large data sets. Other aspects may include simulations, graphing, statistical analysis and User Interface design. The candidate will enjoy theoretical aspects of software development, such as design patterns, OOP and software architecture.

DUTIES

We are seeking a motivated, creative thinker to work in the heart of our development team. The specific duties will include algorithm development, programming and testing, but depending on the candidate can expand beyond that. The successful candidate will be enjoy investigating new technologies, and be able to keep an eye on the long-term goals while working on specific challenging programming problems. Depending on experience, the candidate will become involved in design and architecture decisions. The candidate will be working very closely with the rest of the team, including the company president, but will also have the ability to work efficiently independently.

JOB DESCRIPTION

Will work in a small company environment. Will report directly to president. Will perform algorithm development, software design, coding and testing. Primary development language is Embarcadero/Codegear Delphi, with algorithm prototyping in R or another statistical language. Will investigate new technologies and tools. Candidate may also contribute to writing documentation. Some Telecommuting OK
Permanent position only

REQUIRED EXPERIENCE
3 years experience in scientific programming Experience in using matrix math libraries Experience in creating simulations Experience in implementing algorithms described in scientific publications

PREFERRED EXPERIENCE
Understanding of Object oriented programming Understanding of Windows programming and messaging architecture Familiarity with a variety of 3rd party Delphi components Biology background Experience minimizing systems of equations

SOFT SKILLS REQUIREMENTS
Ability to work independently Oral and written communication suitable for business and technical users

PLEASE SUBMIT
Resume in Word or PDF format to jobs@denovosoftware.com
Salary History
3 References