Subject: Scientific Programmers?
Posted by Matt[2] on Wed, 09 Jun 2010 16:14:15 GMT
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Well, the subject is really apropos. Originally, I was going to post
to ask for the best location to find scientific programmers, but then
I thought, well this is as good a place to find one as to ask where to
find one. So:

1. If you were looking to find a good scientific programmer. Someone
who is a skilled programmer with a scientific/mathematical background
with experience in large data set management or scientific data
formats, where would you post the job description?

2. If you're a talented scientific programmer, maybe you'd be
interested in our position:

NSIDC is seeking someone with a science background and programming
knowledge and interest, to help make Earth science data accessible and
useful to our science communities. This Science Programmer will work
on several projects, including a major new NASA campaign called
IceBridge (http://nsidc.org/data/icebridge) to study Earth's polar
regions.

You will work on a team of scientists and other data center staff to
solve data analysis and data processing problems, helping scientists
get better data faster. Specifically, you may translate research
algorithms into working programs, develop database applications, and
develop quality assurance procedures for the resulting data sets. You
will also document the design and use of the programs and procedures.
We need to integrate a large quantity of disparate data sources into
common formats, so you will learn about a wide array of scientific
data sets.

The most helpful background for this position would be a degree in
physical sciences or math, plus training or experience in programming.
You will need a basic understanding of statistical methods, and an
interest in geospatial analysis. Knowledge of satellite or airborne
radar or altimetry data, and of applications of altimetry data to ice
sheet surface and bed topography, would be very helpful, but are not
required.

Other important ingredients include working with others to define and
refine requirements, staying current with latest technologies and
software engineering practices, and keeping current with relevant
scientific research. You will have access to experienced mentors, but
you will be responsible for much of your own learning and for keeping

up with the science and technology needed for your work.

A complete, formal job description and application procedures are available at http://nsidc.org/about/jobs/nsidc_13.html.

Hope I get a good answer to at least one of my questions.

Thanks everyone,
Matt