
Subject: Job offer: Cassini Saturn mission
Posted by [squyres](#) on Fri, 20 May 1994 14:10:49 GMT
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Well, the strong consensus of the email I received was that it was okay to post an IDL-specific job ad here, and a number of people asked to see it. So here it is...

Greetings: Our department here at Cornell University is searching for a software engineer to generate mission planning software for NASA's Cassini mission to Saturn. A job description appears below. If interested in this position, please send a resume and detailed description of past experience to Steve Squyres, associate professor of Astronomy at Cornell:

Email: squyres@astrosun.tn.cornell.edu
Fax: 607-255-5907
Phone: 607-255-3508
Snail mail: Space Sciences Bldg.
Cornell University
Ithaca, NY 14853

Design, write, test and document upgrades to software that will be used for planning remote-sensing observations by UV, optical, IR, and radio instruments on the joint NASA/ESA Cassini mission to Saturn, scheduled for launch in 1997. The software will become the principle planning tool for scientists on at least four instrument teams at several institutions, requiring considerable flexibility and portability. Applications include the creation of observation designs from single images to complex mosaics, corrections for target and spacecraft motion, saving and retrieving previous designs, optimization of observations, and providing interfaces for externally supplied routines. The existing software is written in IDL, with subroutines in Fortran and C, and runs on UNIX workstations. A software engineer with programming experience in IDL (including widgets) and C, and familiarity with UNIX, X-windows, and color graphics is required for an initial period of 12 months, starting in summer 1994. Work may continue beyond this period, contingent on continuation of Cassini project funding. Work will include consultations with programmers and engineers in Colorado and at the Jet Propulsion Laboratory in California. Location is the Cornell University campus in Ithaca New York, in the heart of the Finger Lakes region of upstate New York.
