

Paul Gettings

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Experience

1998-Present University of Utah Research Assistant
Assist with various research topics, including thermal geophysics (climate change inferred from borehole temperatures), exploration gravity and magnetics, precision gravity measurements, exploration seismic campaigns (2- & 3-D), and computer modeling.

1997-1998 University of Chicago Research Technician
Administration and user support of computers for the U. of Chicago Engineering Center and the Theoretical High-Energy Physics Group.

Construction and testing of components of an Echelle spectrograph and balloon-borne cosmology experiment packages, including electronics assembly and testing, mechanical design and fabrication, and work with high vacuum and cryogenic systems.

Skills

Experience with gravity (exploration and high-precision), magnetic, seismic, and borehole temperature field methods and interpretation; limited EM and paleomagnetic field experience.

Design and construction of scientific instruments, including electronic, data acquisition, and mechanical systems. Welding is a hobby.

Scientific and systems programming in C/C++, Fortran, Java, Python, Perl, Matlab, Mathematica, others.

Unix, Windows, and Macintosh administration and user support, including networking (local- and wide-area) and security.