

Employment Opportunity: Geophysical Software Developer and Programmer, OSOP, Panama

OSOP, located in the highlands of Western Panama, has an opening for a full-time geophysical software developer and programmer. We are looking for an individual who is versed in geophysical signal processing and at-home in the Linux environment.

Company Description

OSOP provides vertically integrated solutions and turn-key systems for geophysical monitoring. OSOP develops, supports, installs, maintains and configures instrumentation and software for early warning civil defense systems to mitigate the effects of natural disasters. OSOP promotes a dynamic, fast-paced and entrepreneurial work environment.

Position Description

The successful applicant will be in charge of the OSOP programming team, manage software development projects from cradle to grave, install software for institutions across the globe and be granted the freedom to innovate. Duties will depend on the successful candidate's skill set and are likely to include: software development, installation, configuration and employee training/ supervision. The position will require regular domestic and international travel. Resilience, independence, adaptability, efficiency and tenacity are desired qualities. Before applying applicants should consider if they can adapt to an international team in a tropical land at the base of a volcano within a county known for its endless beaches.

Location: Volcano Baru, Panama

Deadline: January 31st, 2012

Perks: Paid flight to Panama, interim housing, company transportation (including use of car on weekends), international travel

Qualifications

- * High-level programming aptitude in C++ and Python
- * Experience programming in the Linux environment
- * Demonstrated understanding of signal-processing
- * Experience with RDBMS
- * Either an M.S./ PhD in Geophysics, Mathematics or Physics or advanced programming skills in C++ and Python and a demonstrated interest in solving problems related to signal processing applications.
- * Functional English skills. Spanish is helpful but not a requirement.
- * Capable of regular domestic and international travel

Applicants not gung-ho about pushing the envelope need not apply.

Selection Procedure

Applications will be evaluated on their proficiency in programming, signal processing, industry-wide software packages, capacity for critical thought and lateral thinking skills.

Still interested?

Send a C.V. to Branden Christensen (branden.christensen@osop.com.pa) and Angel Rodriguez (angel@volcanbaru.com). Tailor the C.V. to your exposure to and proficiency in:
- Programming languages

- UNIX/ Linux
- Signal Processing
- Geophysics, Physics, Mathematics
- Antelope, Earlybird, Earthworm, SEISAN, SeisComp3
- RDBMS
- Communication protocols: TCP/IP, UDP
- Basic Linux system administration
- Geophysical network configuration and management
- Volcano, earthquake and/or geophysical institute experience
- Electronics and instrument design