



Working Title: Programmer

Official title: SR SYSTEMS PROGRAMMER(T32BN) or SYSTEMS PROGRAMMER(T32DN) or ASSOC SYSTEMS PRGRMMR(T32FN)

Degree and area of specialization:

Bachelor's degree required, preferably in Computer Science or Electrical/Computer Engineering

Minimum number of years and type of relevant work experience:

Must have experience using Unix operating systems, particularly Linux. Must have programming experience and strong debugging skills. Must have excellent oral and written communication skills. Ability to work well in a team environment and with minimal supervision. Must be willing to travel.

Experience with Perl and shell scripting is very useful. Experience with C, C++, and Java is useful. Experience with distributed computing, grid computing or computing clusters is an advantage. Knowledge of computer security and networking is very helpful. Experience with non-Linux Unix varieties is helpful.

This position is most appropriate for a candidate with 0-5 years of experience.

An ideal candidate will be a software developer that understands that software development does not stop with writing code, and is interested in and capable of performing a wide range of duties including design, implementation, testing, documentation, troubleshooting and user support.

Principal duties:

We are looking for people to join the Condor Project, a cutting-edge project at the UW Computer Sciences Department that blends research and development: we tackle hard problems and deliver production-quality solutions. The employee for this position will work with the Virtual Data Toolkit (VDT) an effort to create, maintain and support a suite of grid middleware. The components of the VDT are provided by a broad range of open source projects. One of the main objectives of the VDT is to provide the grid community with an easy mechanism to deploy and operate a software stack that is complex to install, configure and use.

The VDT effort is part of the Open Science Grid, a nationwide project to build and operate a distributed computing infrastructure in support of a broad spectrum of scientific communities. Other similar projects, both from the US and from other countries, also use the VDT as the foundation of their software stack.

The employee will need to understand a variety of complex software and systems; develop compilation, testing, installation, and configuration scripts; debug complex software deployments; track bugs; support users; and write documentation. Much of the software in the VDT is provided by external software providers, and this job requires working closely with these providers. Effective communication with collaborators and users is essential.

Occasional travel is required.

A criminal background check will be conducted prior to hiring.

A period of evaluation will be required



Appointment type: Academic Staff
Department(s): L&S/COMPUTER SCI
Full time salary rate: Minimum \$48,000 Maximum \$110,347 ANNUAL (12 months)
Depending on Qualifications
Term: This is a renewable appointment.
Appointment percent: 100%
Anticipated begin date: March 1, 2008
Number of positions: 1

To ensure consideration, application must be received by: February 15, 2008

HOW TO APPLY:

Send resume and cover letter referring to Position Vacancy Listing # 58064 to

Kristine Ludwig
1210 West Dayton Street
4366 Computer Sci & Statistics
Madison, WI 53706-1613

Phone:
Phone TTY: 608-263-2473
Fax: N/A
Email: ludwig2@wisc.edu

NOTE: Unless confidentiality is requested in writing, information regarding the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality.
UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.
For UW Madison Campus safety information and crime statistics/annual Security Report see <http://www.wisc.edu/students/safety/clery.html>, and for drug and alcohol information see <http://www.wisc.edu/students/safety/alcohol.html>, or call the Equity and Diversity Resource Center at 608/263-2378 for a paper copy.