



Working Title: Programmer

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

Degree and area of specialization:

Bachelor's degree required, preferably in Computer Science or a closely related field.

Minimum number of years and type of relevant work experience:

Must have experience using and managing Unix operating systems, preferably a wide variety, including Linux, AIX, and Solaris. Must have experience with scripting (particularly Perl and Bourne shell), system administration, and C/C++ development. Must have demonstrated skills in identifying faults and debugging software systems.

Experience with distributed computing, grid computing, computing clusters, or virtual machines is an advantage. Experience with Windows and Java is a plus. Knowledge of computer security and networking is very helpful.

Must have excellent oral and written communication skills. Must be able to work well in a team environment. Must be able to work with minimal supervision.

Principal duties:

We are looking for talented people to join the Condor Team, a research project in the UW-Madison Computer Sciences Department that blends research, development, and user support: we tackle challenging distributed computing problems, develop novel solutions, address software engineering challenges and deliver production-quality software tools.

The employee for this position will participate in a small sub-team effort to develop, and support the Metronome build and test software, and to build, maintain and operate a distributed build and test facility running Metronome that serves the National Science Foundation (NSF) open source community and collaborates with other national and international cyber-infrastructure projects. This effort is funded by the NSF Office of Cyber Infrastructure (OCI)

The work for this position is interesting on both technical and social levels. You will get to work with a wide variety of the latest hardware and operating system platforms as well as put cutting-edge distributed software to use in a real production environment. You will do this as a part an internationally recognized research and software development group with strong national and international collaborators, customers and users.

You will need to understand a variety of complex software and systems; develop compilation, testing, installation, and configuration scripts; debug complex software deployments; track bugs; and write documentation. Effective communication with collaborators and users is essential.

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, and user support.

Occasional travel is required.

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

A criminal background check will be conducted prior to hiring.

A period of evaluation will be required

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Appointment type: Academic Staff  
Department(s): L&S/COMPUTER SCI  
Full time salary rate: Minimum \$45,000 ANNUAL (12 months)  
Depending on Qualifications  
Term: This is a renewable appointment.  
Appointment percent: 100%  
Anticipated begin date: March 15, 2008  
Number of positions: 1

To ensure consideration, application must be received by: March 1, 2008

**HOW TO APPLY:**

Send resume and cover letter referring to Position Vacancy Listing # 58147 to

Kristine Ludwig  
4366 Computer Sci & Statistics  
1210 W Dayton St  
Madison WI 53706-1613

Phone:  
Phone TTY: 608-263-2473  
Fax: N/A  
Email: kludwig@cs.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.