

Wage Payroll Position at the CyberInfrastructure Laboratory

Applications are invited from individuals to join the CyberInfrastructure Research Laboratory at the College of Information Sciences and Technology. We seek qualified individuals for the following open position:

Programmer/Software Engineer: This is a wage-payroll position. The position involves development of software for cyberinfrastructure to support a chemical kinetics data repository and digital library. Required skills are: strong programming background in Java, knowledge about XML, Client/Server application development, web interface development using XSL and CSS. Recommended skills are: Familiarity with search engine architectures and experience with indexing in Lucene, Solr, knowledge about XML databases, programming background in Perl and C# (or MS related tools).

Prior experience in developing enterprise-grade systems software is an added plus.

The position offers a software programmer to develop his or her skills and eventually take a leadership role in the development of large-scale system software and web information systems. The software developed will enable scientists to share data among themselves and facilitate advances in the sciences.

Led by C. Lee Giles, David Reese Professor and ACM Fellow and Prasenjit Mitra, Assistant Professor, researchers in the laboratory pursue cutting edge research in information retrieval, web search, knowledge extraction, data mining, database systems, web information systems, semantic web, image processing, computer vision, and pattern recognition. Notable ongoing projects in the laboratory include the NSF-sponsored projects: CiteSeer, <http://citeseer.ist.psu.edu/>, and ChemXSeer, <http://chemxseer.ist.psu.edu/about/publications.html>.

Graduates from this group have taken positions at Facebook, Google, Microsoft and Yahoo among others.

To apply for the above-mentioned positions, please send your CV to pmitra@psu.edu and giles@ist.psu.edu.