JOIN the
cyberinfrastructure for
NETWORK SCIENCE CENTER
SLIS, INDIANA UNIVERSITY, BLOOMINGTON

Independent Study/Internship

Job Description

The Cyberinfrastructure for Network Science Center (http://cns.slis.indiana.edu) at Indiana University, Bloomington offers an independent study/intern position to work on the Scholarly Database project. The Scholarly Database currently provides access to 11 major datasets such as Medline, U.S. patents, National Science Foundation and National Institutes of Health funding awards – a total of about 20 million records. The online interface at https://sdb.slis.indiana.edu provides full-text search for Medline, NSF, NIH, USPTO) using Solar.

The Independent Study/Intern position will provide students with hands-on experience in:

1. Data modeling and database schema design
2. Data processing, especially on data parsing and cleaning

The prospective candidate will join the efforts on the database design and will be responsible for developing parsers and loaders for new datasets.

Qualifications

- Undergraduate or graduate student in Computer Science, Informatics, Information Science, or a related technical discipline;
- Knowledge of relational databases;
- Experience with regular expressions, data parsing, and cleaning software/tools;
- Familiarity with Perl or Python, or other scripting languages;

How to Apply

Send a cover letter and resume to Nianli Ma, nianma@indiana.edu.