Project Title:

Cager: Cross-page Web Search

Investigator: Ju Gao

Department: Computer Science

Project Summary:

Under the umbrella of "new paradigms in web search", there are three related projects. They investigate mass-collaboration-based web search with a wiki-interface, two-box search for disambiguation, and cross-page web search. The three are investigated in different phases and to be integrated into one eventually. Currently, for part I, a prototype system has been developed (http://dmlab.cs.txstate.edu/rants/), a paper has been published (see below) and presented. For part II, a prototype system has been developed (http://dmlab.cs.txstate.edu/cox/) and a paper has been submitted. For part III, a system is under development (http://124.133.138.21:8080/webproject2/search.jsp?), and a corresponding paper is also under preparation.

Publications:

Byron J. Gao, Joey Jan: Rants: a framework for rank editing and sharing in web search. WWW 2010: 1245-1248

Presentations:

19th International World Wide Web Conference • WWW2010 • Raleigh NC (USA) • April 26-30, 2010

http://www2010.org/www/program/demos/

External Grants Applied:

2010 NSF REU Site: Research Experiences in New Paradigms of Information Retrieval from Diverse Data (With Drs. Anne Ngu, Yijuan Lu, and Mark McKenney, to submit).

External Grants Awarded:

NA

Student Number: 2