

Postdoctoral Positions at the Pennsylvania State University Intelligent Information Systems Lab

The Pennsylvania State University is seeking multiple outstanding postdoctoral candidates to join the Intelligent Information Systems Laboratory (<http://iis.ist.psu.edu/>) at the College of Information Sciences and Technology. The position is available immediately or in the near future. The researcher will be involved in pursuing research and mentoring students in the ChemXSeer project (<http://chemxseer.ist.psu.edu/>) funded for the next three years by the National Science Foundation. The project involves research on information and knowledge extraction, indexing and mining from text and images, mediated information integration, database systems and ontology-based interoperability, social network analysis, and knowledge management for chemistry and chemists and related areas.

Required skills for all positions include a strong record of technical excellence and achievement as demonstrated through publications, presentations at national and international meetings, and research in relevant discipline like database systems, data and text mining, information retrieval, web information systems, machine learning, digital libraries, natural language processing, pattern recognition, etc. The applicant must possess a strong prior experience in software development and the ability to design and perform experiments to validate research hypotheses. The applicant must have demonstrated strong written communication skills. The candidate must be self-directed and have the ability and willingness to mentor Ph.D. students working in the project. Prior experience in working in an interdisciplinary, team-oriented technical atmosphere is desirable.

The position does not fully focus on research with no expectation of teaching. The objective of this position is to enhance the researcher's skills and record for a placement in a leading university or research laboratory at the end of the post-doctoral fellowship (typically two to three years).

Education: *Ph.D.* in Computer Science, Electrical Engineering, Statistics, Mathematics, or a related area.

Penn State is a premier Research I university in the northeastern United States situated in an university town, State College, that is within three to four hours by car from New York, Washington, D.C., Philadelphia, Cleveland, Pittsburgh, Baltimore, etc. Situated in a valley surrounded by mountains, State College has a low cost of living and small university town charm.

More information about the future plans for the project will be provided to interested candidates. Please submit an application consisting of a CV and names

of three references by email to Prasenjit Mitra (pmitra@ist.psu.edu <mailto:pmitra@ist.psu.edu>) and Lee Giles (giles@ist.psu.edu <mailto:giles@ist.psu.edu>). Applications will be considered starting immediately and will be accepted on a continuing basis until the position is filled.

Penn State is an equal opportunity employer.