PhD Position opening at University of Nevada, Reno
Dept. of Computer Science and Engineering

Wireless Networking / Cognitive Radio / Wireless Security

Applications are invited for two PhD students in Wireless Networking / Cognitive Radio / Wireless Security at University of Nevada, Reno, Dept of Computer Science and Engineering starting from Fall 2013 semester. Scholarship/Research Assistantship is available for the students including tuition support. The positions are to work towards the PhD degree under the mentorship of Prof. Shamik Sengupta starting Fall 2013 semester. The successful candidates will be working in a project, funded by a highly competitive and prestigious NSF CAREER research grant.

The focus research areas include:

- Cognitive Radio Networks & Security
- Intelligent Systems
- Vehicular Ad Hoc Networks,
- Wireless Mesh
- Network Economics

Required qualifications:

Candidates should have:

(A) A Bachelor or Masters degree (or be near completion by the time of application) in a relevant discipline with strong academic record

(B) Strong mathematical background and has demonstrable experience with at least two of the following areas:

* data (wireless) networking

* game theory

* stochastic modeling and Statistical analysis

* intelligent systems

* experience with Linux programming/ kernel programming/ driver programming/ embedded device (Soekris or USRP or equivalent) programming

(C) Strong programming skills: C/C++/Java/MATLAB

(D) Strong skills in oral and written communication.

Candidates with existing publication(s) and research track record are especially encouraged to apply.

Interested students should directly first submit the following to Dr. Sengupta via email (sengupta.shamik@gmail.com):

  - Cover letter stating qualifications, relevant experience and research interests.

  - Curriculum vitae.

  - A copy of transcripts (graduate and/or undergraduate studies, as applicable).

  - Relevant published research materials.

  - TOEFL & GRE scores information.

  - Names and contact details of at least two referees, who are willing to provide detailed recommendation letters about the candidate

The evaluation and selection process will begin immediately, and will continue until the positions are filled. Any question can be directed toward Prof. Sengupta at sengupta.shamik@gmail.com.

About Reno: The 255-acre main campus, located minutes from downtown Reno, features both contemporary and historic architecture, and the university's tree-lined Quadrangle is listed on the National Register of Historic Places. The academic atmosphere is filled with rich surroundings for the cultural and intellectual development of the students. Reno benefits from a comfortable climate; and is bounded on the west by the majestic Sierra Nevada mountain range and on the east by the rolling basin and range province. There are four distinct seasons in this cool, dry climate where the sun shines nearly 290 days a year. The area is noted for its variety of recreational opportunities, which include sailing, camping, hiking, fishing, and sightseeing. Within an hour's drive of the campus, for example, are Lake Tahoe in the High Sierra; and Pyramid Lake, a unique prehistoric desert sea; and a number of nationally known ski areas, including Squaw Valley, the site of the 1960 Winter Olympics. Reno is within 2 hours' drive from Sacramento and 3.5 hours' drive from San Francisco. (Courtesy: http://www.cse.unr.edu/).