



Research Assistantship (RA) Positions in Reliability Engineering

The Dependable Computing and Networking research group at the University of Massachusetts at Dartmouth (www.umassd.edu) has two fully-funded research assistantships for Ph.D. students in the area of reliability engineering and dependable computing. The research assistantships include a stipend and a complete tuition and fee waiver for up to 3 years, starting January 2009. The positions include research on a National Science Foundation (NSF) funded project, titled "Efficient Dynamic Combinatorial Models (EDCM) for Reliability Analysis of Complex Dynamic Systems".

Requirements:

- A Bachelors degree in Computer Engineering, Computer Science, Electrical Engineering, System Engineering, Industrial Engineering, Mathematics, or related fields. Candidates with a Masters degree will be given higher priority.
- Experience in one or more of the following research areas: reliability modeling and analysis, performance evaluation, formal methods for dynamic systems, probability, simulations.
- Strong analytical and problem solving skills.
- Excellent communications skills in English (written and verbal).
- Highly motivated, innovative, and responsible, with excellent work ethics
- Strong programming skills in Java (optional, but a plus).

Desirable Attributes:

- Strong motivation to obtain a Ph.D. degree in computer engineering within 3-4 years.
- Publications in (reliability) modeling and analysis.
- Ability to work independently, with limited direction, as well as within a team environment.
- Experience in research environments (a strong plus).

If you are interested, please email your application documents to lxing@umassd.edu:

- Transcripts of all graduate and undergraduate coursework.
- Statement of research interest, explaining both the motivation and goals for RA activity and identifying background experience relevant to the position.
- Minimum of three references that can provide recent and applicable feedback on work capability.

There is no closing date for applications. The positions will be filled as soon as we find suitable candidates.

Best Wishes,

Liudong Xing

Associate Professor

Electrical and Computer Engineering

<http://www.ece.umassd.edu/Faculty/lxing/Home.html>

Phone: 508-999-8883

Email: lxing@umassd.edu