



Student Ambassador
Ganesh Viswanathan

Bachelor of Technology- Information Technology (June 2005)
PHD- Computer Engineering -Area: Databases (Present)
University of Florida

LANL Internship:
ISR-2: Space and Remote Sensing

What motivated you to work at LANL?

I was motivated by the opportunity to do research in a premier national science laboratory and interact with experts in my field.

How many summers/years have you spent as a LANL intern?

One: Summer '08.

Describe in a short paragraph the type of work do at LANL?

I work with the Space and Remote Sensing Sciences (ISR-2) group at LANL, focusing on developing robust moving object database systems capable of performing advanced queries on vehicular traffic data. I have also been involved in testing and evaluating the performance of these implementations with existing structures.

What do you enjoy most about working at LANL?

The atmosphere here is incredibly motivating. I get an opportunity to meet and work with top scientists in my field. Being able to apply my skills in a commercial production environment is encouraging. The Summer Lecture Series and lab field trips provided a good chance to learn about the latest scientific breakthroughs the lab is involved in. The world's first 'petaflopper' – Roadrunner was installed this summer at LANL. The technical presentations that followed provided a fresh insight into several new supercomputing applications. Overall my experience at Los Alamos has left me with a new vision and lasting memories.

What advice do you have for incoming students?

I would advice incoming students to work closely with their mentors and make the best use of the facilities available here to ensure an overall productive experience. Moreover, the Student Association at LANL organizes several activities during the summer like lab tours, picnics and movie screenings. Get involved and enjoy the numerous outdoor activities that New Mexico has to offer. And, try 'Sally Fries' at the Bandelier Monument café!

What are your hobbies and interests?

I enjoy hiking, biking, tennis and programming. At UF, I volunteer with 'Gators for Asha', an organization that promotes basic education among underprivileged children in India.