Saturday Discovery Program

@ Virginia State University

Presented by the
Department of Mathematics
and Computer Science

High school students are invited to a workshop about the exciting field of Computer Science (CS). The workshop will be conducted on Saturday, November 9th, 2013 from 9:00 am until 2:00 pm.

Participants will learn about the following topics:

- Binary Numbers: The binary number system plays a central role in how information of all kinds is stored on computers. Understanding binary can lift a lot of the mystery from computers.
- Error Detection: The world is a noisy place, and errors can occur when information is transmitted. Error detection techniques help when errors have occurred.
- Minimal Spanning Tree: Networks are everywhere in modern society: roads, wires, water and gas pipes all connect one place to another. People who build networks often need to work out the most efficient way to make connections, which can be a difficult problem.
- Routing and Deadlock: Computer networks are based on passing messages from computer to computer. This sounds simple in principle, but in practice all sorts of bottlenecks can occur.

Workshop Location: Virginia State University, Hunter-McDaniel Building, Room 210

More Information:
Contact Dr. Giti Javidi by email at gjavidi@vsu.edu or by phone at 804-524-5415.

For more information and to register, visit http://sysnetgrp.net/academy/saturday

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