Introduction
This past summer I spent time at the Lockheed Martin, Rockville location, working as part of a system administration team. The group that I was a part of is responsible for the administration and maintenance of the computers and computer networks being used to develop the next generation of air traffic control systems for the FAA.

Issues Confronting Site:
My small team was responsible for maintaining systems on hundreds of computers that must always be kept in working order, so that other employees at Lockheed Martin were able to successfully do their work.

Site Information:
Lockheed Martin
9211 Corporate Boulevard
Rockville, MD 20850
Supervisor – Andre Sergeon
This is the location of several computing labs used for many different Lockheed Martin projects and customers.

Activities:
This summer I was given the task of testing and deploying a network monitoring system on the hundreds of computers my group was responsible for. Along with that project, I assisted my team in the everyday system administration tasks that they perform, including user password resets, and data backup.

Impact:
Testing and installing a piece of network monitoring software gave the team an easier way to establish the status of our environment. This lead to more proactive problem solving and a smoother user experience.
Also, by quickly working through a large number of user issues on a daily basis, I relieved some of the pressure caused by users needing immediate attention. This allowed my team to spend more of their time working on other projects to improve our systems and add functionality.

Future Work:
The system that I set up in my short time there had only its basic functionality set up. It has the ability to be expanded on and improved in many ways that would add more robust functions and make it a much more useful tool for my team.

Acknowledgments:
I would like to thank my site supervisor, Andre Sergeon, for giving me this opportunity to work as a part of his team. I would also like to thank Dr. Holtz and Dr. Merck for teaching us so much in the past two years.