

Riley Densley
CS 6900

Mr. Falor's Presentation

1. What are the major research areas of the presenter?
 - a. Cyber Security
2. List the names of the projects that the presenter's research group did in the pastor has been doing recently. Among these projects, which project is the most appealing to you and which project is the least appealing to you? Why?
 - a. Trojan Horse, Passwords and other internet things
 - b. The Trojan horse paper was interesting. I thought it was a cool concept to have code that could change its self. The further this guy went into it made me realize how powerful that can be. The paper talked about altering code that would then alter the compiler and eventually hide changes that you made to be used later.
 - c. The second paper was This World of Ours. It brought up some very real concerns of password protection and other sources of cyber security. The paper was funny and enjoyable to read. It seemed like its only purpose was to frighten us. That is fine and all but it offered no real solution or direction on how to make things better.
3. List two researchers in the other universities who has the same research interests as the presenter.
 - a. Wenjing Lou, professor at Virginia Tech
 - b. Dr. Josh Pauli, professor at Dakota State University
4. Summarize two most interesting research projects from each of the two researchers.
 - a. One project Professor Lou is working on is called Thrust. Thrust uses mathematical modeling, network optimization, algorithm and protocol design, and blockchain security. The combination of all of these things along with others are being used to further cyber security.
 - b. Dr. Josh Pauli has a focus on producing ethical experts in cyber security. His course focuses on creating experts in cyber security but they also have regular lessons on ethics and legal theory. He ensures that his students know about the great responsibility that comes with the knowledge affiliated with cyber security.