Computer Engineering: Cyber Security Presentation

What is Information Security?

- The use and knowledge of computers to protect systems

What Type of Job would an Information Security Specialist Hold?

- Information security specialists can work for companies like Rockwell, Boeing, and Lockheed Martin attempting to hack into their networks. If they are able to get in, they are able to then change the system and make it more secure
- Information security specialists can also work for the US government

Information Security at Iowa State 2 Paths

1) BS in Computer Engineering → Specialize in information security
2) Masters of Science focus on information security
   a. The US government will pay for qualified individuals to get their Masters in information security

Information Assurance Student Group:
  For those students interested in Information Security, they are highly encouraged to join IASG

What IASG does…

- Teaches undergraduates about information security
- Companies are noticing that the best of the best in information security have been members of IASG
- Bring in relevant speakers with money the club obtains from corporate sponsors
- Hosts cyber defense competitions

The presentation was given by Matt Sullivan, graduate student in Computer Engineering. If you have any questions about the content of his presentation, please contact him (msulliv@iastate.edu)