

My research topic of choice is computer worms. My research will include computer worm types, prevention methods, and computer worm uses both constructive and malicious.

Understanding computer worms is extremely important from a computer network perspective. Computer worms have the capability of taking down entire networks primarily due to the fact that they are self-propagating and, unlike most viruses, do not need human intervention to be activated. By understanding how computer worms work, including possible payloads and common motivation for writing computer worms, preventative measures can be taken. In the case of infection quarantine and clean up will also be possible.

I will be conducting my research via a Survey paper. I have chosen to do a survey paper is because it is a very popular research format in the information technology field. I have never written a survey paper before and this is an excellent opportunity to expose myself to a different research format.