Make the Cyber World Safe.



Computers | Networks | Satellites | Medical Devices | Drones | Internet of Things | Transportation are some of the technologies needing security research to operate safely and properly. You can help by creating science projects that have new ideas for cybersecurity or help make other technology safe.

Ways to Begin:

- explore the security properties of a new component or system
- develop a software component using software development tools for software analysis to avoid security vulnerabilities
- learn to use a formal specification / verification language and apply it
- investigate how people interact with the security aspects of system and measure the results
- discover new detection techniques using datasets from Department of Homeland Security IMPACT: www.impactcybertrust.org
- visit and join the Science of Security Virtual Organization (sos-vo.org) to learn more about security research

What Makes Outstanding Projects:

- determine the current threat environment, review capabilities, identify and fill the gap
- detail how results were obtained
- articulate assumptions
- compare results to related work
- consider the limitations of research and how to validate that your experiment describes the real world

Congratulations ISEF 18 Finalists!

The National Security Agency (NSA) thanks you for your contributions in making the world a better place. The NSA will be recognizing projects with cash prizes. Good Luck and visit NSA researchers at the Intelligence Community Exhibit Booth at ISEF 18.

Visit www.sos-vo.org to see details about the 2017 winning paper **"You Get Where You're Looking For: The Impact of Information Sources on Code Security"** and other outstanding examples of Scientific Cybersecurity research from past winners of NSA's Best Scientific Cybersecurity Paper Award and NSA's Research Awards at ISEF.

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