Science of Cyber-Security

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JASON was requested by the DoD to examine the theory and practice of cyber-security, and evaluate whether there are underlying fundamental principles that would make it possible to adopt a more scientific approach, identify what is needed in creating a science of cyber-security, and recommend specific ways in which scientific methods can be applied. Our study identified several sub-fields of computer science that are specifically relevant and also provides some recommendations on further developing the science of cyber-security.

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