DARTMOUTH COLLEGE

Center for Engineering & Computer Science

Dartmouth educates the most promising students and prepares them for a lifetime of learning and of responsible leadership through a faculty dedicated to teaching and the creation of knowledge.

Founded in 2000, Dartmouth's Institute for Security, Technology, and Society engages in interdisciplinary research, education and outreach programs that focus on information technology and its role in society, particularly the its in security and privacy broadly conceived. ISTS nurtures leaders and scholars, educates students and the community, and collaborates with its partners to develop and deploy IT, and to better understand how IT relates to socio-economic forces, cultural values and political influences.

ISTS pioneered new security paradigms such as language-theoretic security, the science of human circumvention, and the "weird machine" theory of exploitation as emergent execution. We've played a leading role in long-lived consortia examining cybersecurity issues in the power grid and in health care; currently, we are building out our programs in software security, vulnerability analysis, and AI.

ISTS research improves our ability to design and deploy secure, usable computer systems and protect them from disruption and attack. Also, to address social, economic and policy issues that arise in the development, deployment and regulation of such information technology

Our NSA CAE programs (Computer Science, and Engineering) offer undergraduate, Master's, and Doctoral degrees.

DESIGNATIONS

• CAE-Research

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ISTS welcomes new scientists