

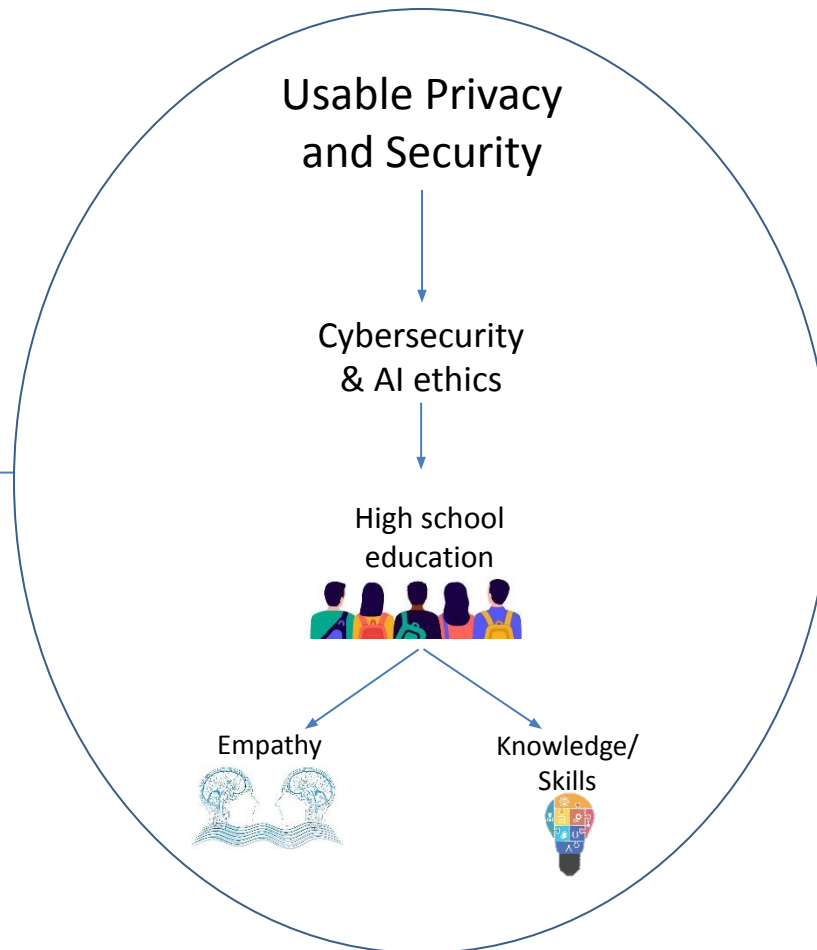
Collaborative Research: EAGER: SaTC: EDU: Teach High School Students about Cybersecurity and AI Ethics via Empathy-Driven Hands-On Projects

Challenge:

- Young children are vulnerable to cybersecurity and AI threats.
- The general public, especially young people, are unaware of many ethical issues in cybersecurity and AI.

Solution:

- Develop hands-on labs to teach high schoolers about CS/AI ethics.
- Focus on awareness and empathy, especially for younger children's vulnerabilities.



Scientific Impact:

- New insights into how cybersecurity and AI ethics are taught in high schools (publication under review)
- Better understand the efficacy of teaching strategies for CS/AI ethics

Broader Impact and Broader Participation:

- Foster high school students' empathy for others, especially young children
- Improve high school students' knowledge, skills, and interest in cybersecurity and AI ethics
- Four hands-on labs for high school students developed, tested, and distributed

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