

# EAGER: Transformative Educational Approaches to Meld Artificial Intelligence and Cybersecurity Mindsets



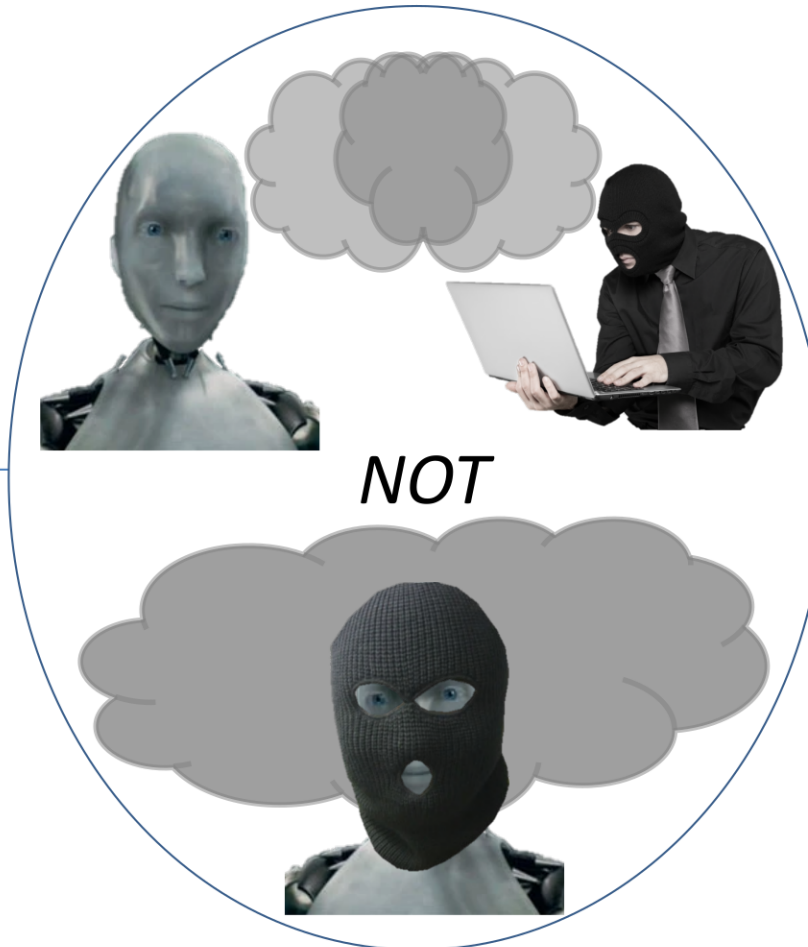
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## Challenge:

- Prepare students for applying AI-concepts to Security-problems
- Each field requires:
  - Extensive background
  - Lifelong learning
  - Differing mindsets

## Solution:

- Student-focus on pre-existing interest
- Provide non-interest “toolkit” not content
- Collaboration not independence



## Scientific Impact:

- Develop single-context learning environment
- Identify abstraction for learning (i.e. “don’t roll your own crypto”)
- Experiment with “reference anchors” for future application

## Broader Impact and Broader Participation:

- Melded AI/Security mindset in CS majors
- Motivate AI and/or security interest in high school
- Training/example-aids for workforce & general public