

Challenge:

- Computing has longstanding patterns of underrepresentation.
- Universities are unprepared to address workforce needs at the intersection of AI and Security.

Interview
Students



Identify
Perceptions

Produce Strategies
To Remove Barriers



Interview
Experts



Identify
Skill
Gaps



Develop
Course



Solution:

- Interview students to understand perceptions of AI and security as a career.
- Interview experts to identify critical gaps in preparation then create and evaluate a modular course to close those gaps.

Scientific Impact:

- Identified subfield stereotypes that may create barriers to broadening participation.
- Identified essential skills for AI-enhanced cybersecurity.

Broader Impact and Broader Participation:

- Increased qualified workforce in the critical, emerging area of AI and Security
- Disseminate curriculum and inclusive practices.