



CAE
IN CYBERSECURITY
COMMUNITY

Challenges and opportunities at the intersection of AI and cybersecurity

Greg Gogolin, Ph.D., CISSP
Ferris State University

Isaac Gogolin, Ph.D. Candidate
Michigan State University

2025

Integrating AI
into an ABET
accredited
CAE-CD

- **Serving multiple masters**
- **Curriculum**
- **Resources**
- **Pace of change**

2025 CAE
Integrating AI
into an ABET
accredited
CAE-CD

#1 Cybersecurity threat

- Improper use
- Faculty
- Students
- Outsourcing and cloud

2025

Integrating AI
into an ABET
accredited
CAE-CD

AI to improve cybersecurity

- Case study
- Hack desk

Securing AI

- Understand the life cycle
- Data issues
- Development issues
- Deployment issues
- Data drift

2025 CAE Community Symposium

Integrating AI
into an ABET
accredited
CAE-CD



CAE
IN CYBERSECURITY
COMMUNITY

2025

Integrating AI
into an ABET
accredited
CAE-CD

Securing AI

- **Uncertainty**
- **Fatigue**
- **Focus**

Community Symposium

Challenges

- **Evolving development environments**
- **Generations**
- **Distractors and impediments**

2025 CAE Community Symposium

Integrating AI
into an ABET
accredited
CAE-CD

2025

Integrating AI
into an ABET
accredited
CAE-CD

Questions?

Greg Gogolin, Ph.D., CISSP
Ferris State University

Isaac Gogolin, Ph.D. Candidate
Michigan State University