

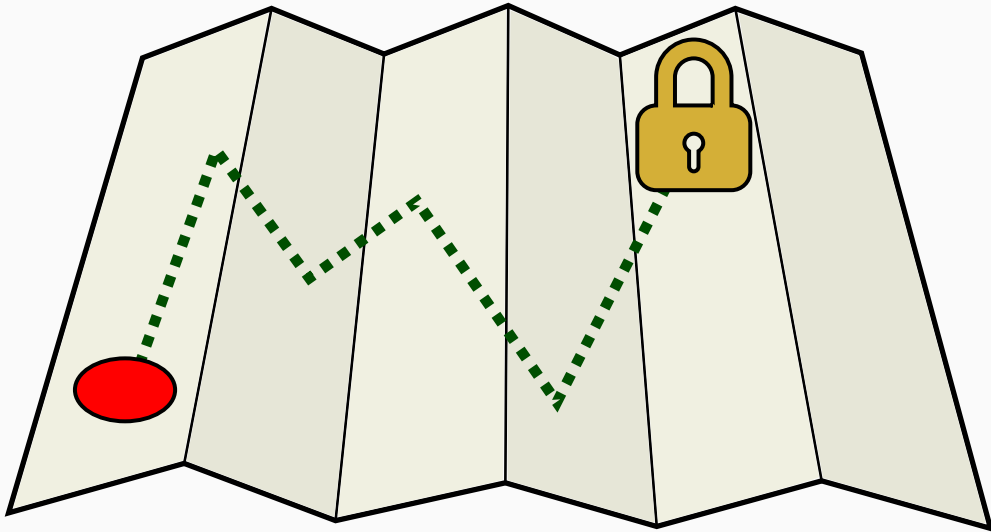
Computer Systems Security



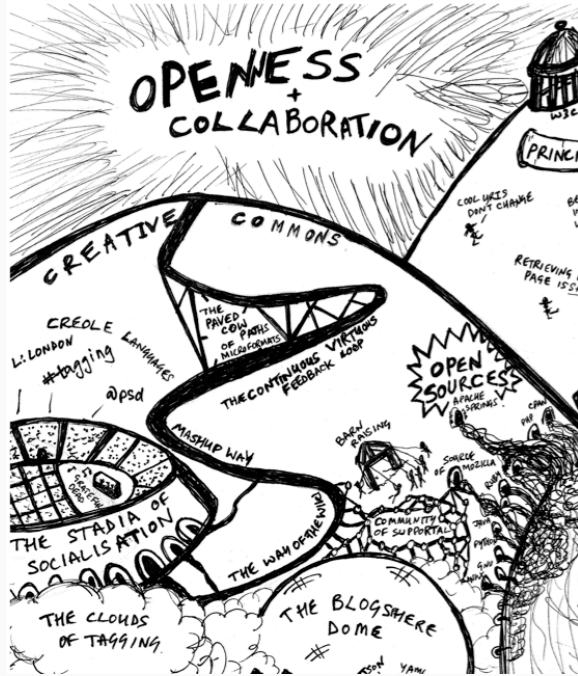
A Success Story

Ryan Tolboom · 2024-09-27

What is the project?



- An undergraduate, introductory cybersecurity textbook
- [Computer Systems Security: Planning for Success](#)
- [NJIT OER Grant](#) for scope and sequence
- [OTC Grant](#) for the book itself



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- Many *people* working together
- Content knowledge experts, instructional designers, technologists, editors, enthusiasts, promoters, testers, learners...

What does it take?

How do you do it?



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- Technically: AsciiDoctor and git ([OEGlobal 2023 presentation](#))
- Check-ins every two weeks
- Publish, test, revise, rewrite, re-publish...
- Incorporate into educational praxis



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- [OER Commons](#)
- [MERLOT](#)
- [Open Textbook Library](#)
- [OTC](#)

How do
people find it?

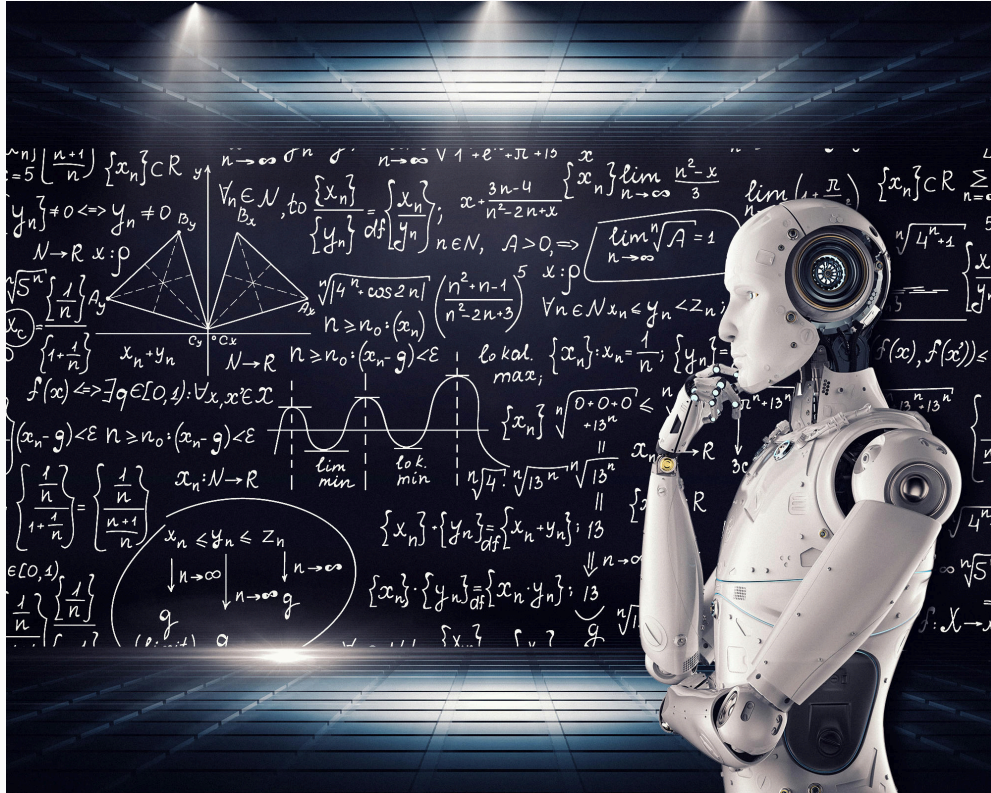
Do people
actually use
it?



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- IT 230 at NJIT averages three sections a semester
- A few emails every semester from professors (Middle Tennessee State University, Berea College)
- At least one “intensive summer course taught abroad”
- People contribute question banks and labs

What does the future hold?



- Computer Systems Security has already been used to train two AI models: [SecQA](#), [TriviaHG](#)
- [Open Educational Resources Search Index \(OERSI\)](#)
- [Typst](#)
- [PreTeXt?](#)