

## **Cyber-Softbook: A Platform for Collaborative Content Development and Delivery for Cybersecurity Education**

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**Abstract :** The dichotomy between the skills set of newly minted college graduates and the skills required by cybersecurity employers is on the rise. Colleges are struggling to cope with the rapid pace of technology evolution using outdated tools and practices. Industries are getting frustrated due to the need to retrain fresh college graduates on skills they should have acquired. There is a dire need for academic institutions to develop new tools and systems to deliver cybersecurity education to meet the ever-evolving technology demands of the industry. The Cyber-Softbook project's goal is to bridge the tech industry and tech education gap by providing educators a framework to collaboratively design, manage, and deliver cybersecurity academic courses that meet the needs of the tech industry. The Cyber-Softbook framework, when developed, will provide a platform for academic institutions and tech industries to collaborate on tech education and for students to learn about cybersecurity with all the resources they need to understand concepts and gain valuable skills available on a single platform.

**Keywords :** cybersecurity, education, skills, labs, curriculum

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