

# CyberShield-AI-Suite Research Resources

## Academic Papers & Surveys

- Artificial Intelligence in Cybersecurity: A Comprehensive Review (IEEE Xplore, 2021)
- Detecting Phishing Websites Using Machine Learning (Elsevier, 2021)
- PhishBench: A Benchmark Dataset for Phishing Website Detection
- Deep Learning for Software Vulnerability Detection: A Survey (ACM Computing Surveys)
- Password Guessing: An Improved Markov Model Approach
- PassGAN: A Deep Learning Approach for Password Guessing (BlackHat 2017)

## Datasets

- Phishing: PhishTank (<https://phishtank.org/>), Kaggle Phishing Websites Dataset
- Vulnerabilities: NVD (National Vulnerability Database), SARD (Software Assurance Reference Dataset)
- Passwords: SecLists: Passwords, RockYou dataset (■■■ sensitive, academic/ethical use only)

## GitHub Repositories

- Phishing Detection ML: <https://github.com/surajr/Phishing-Website-Detection>
- Vulnerability Detection with ML: <https://github.com/strongcourage/software-vulnerability-detection>
- PassGAN (Password Guessing with GANs): <https://github.com/brannondorsey/PassGAN>

## Books

- Machine Learning and Security (O'Reilly)
- Deep Learning for Cybersecurity (Springer, 2022)