AI Cyber Labs

The AI Education Platform For Cybersecurity Professionals

MICS Capstone Project Spring 2024

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The AI and Cybersecurity Disconnect

Underutilized AI in Cyber Defense Strategies

Practical application in cybersecurity strategies is not fully realized.

Knowledge Gap Among Cybersecurity Professionals

41% of cyber professionals have no experience in AI/ML.

Mismatched AI Expertise and Cybersecurity Demands

The world of practical AI has been largely built by those without firsthand experience in the unique challenges of cybersecurity.

‘I’m disappointed’: Pentagon CIO cybersecurity chief asks industry, where’s my AI?

“I love AI. I want lots of AI,” Dave McKeown told Breaking Defense. But, so far, neither government nor industry has developed artificial intelligence that can really help with cybersecurity.
The Cost of Ignoring the AI and Cybersecurity Disconnect

China is using AI to ramp up spying, US says
- FBI: China is harnessing AI to steal Americans' personal data
- U.S. intelligence has linked China to several high-profile data thefts
- China has denied hacking into and stealing from U.S. systems

Chinese hackers are using AI to inflame social tensions in US, Microsoft says
Beijing-linked influence operations have begun to use generative artificial intelligence to amplify controversial domestic issues in places like the U.S. and Taiwan, according to new research.
Empowering Cybersecurity with Essential AI Education

AI Cyber Labs

By demystifying AI for the cybersecurity professionals, we amplify cyber defenses.

- **No-Code Platform**
  Ease of Use for All Skill Levels.

- **Specialized Cyber Datasets**
  Targeted Data for Real-World Application.

- **Tailored for Cybersecurity Professionals**
  Intuitive and Engaging Educational Experience
Meet Our Target Users: Laura & Jerry

CISO
Looks for affordable, comprehensive upskilling options. Values modern, practical training for quick security improvements.

Security Analyst
Seeks a no-code platform to simplify AI learning. Seeks education that enhances cybersecurity operations.
Ready, Set, Learn!

https://www.aicyberlabs.net

Unveiling Innovation: Live Hands-On Demo Session

AI Demystified, Cybersecurity Amplified.

Demystify Complex AI Models through a user-friendly interface.

Enhance the understanding and practical application of AI in cybersecurity

Let's Demystify AI and Cyber!
Our Secure and Scalable Design Vision
## Unmatched Value and Accessibility

### SWOT Analysis

<table>
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<tr>
<th>Strengths</th>
<th>Weaknesses</th>
<th>Opportunities</th>
<th>Threats</th>
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<td>• Low Code Simplicity.</td>
<td>• Development Stages.</td>
<td>• Lack of combined No Code Cyber and AI focused Learning Tools in the market.</td>
<td>• Established Cyber Platforms Expanding AI Solutions.</td>
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<tr>
<td>• Cyber Only Datasets.</td>
<td>• Breadth of AI Features.</td>
<td>• Demand for innovative AI tools in the cybersecurity space.</td>
<td>• Established AI Platforms Expanding Cyber Solutions.</td>
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<td>• Cyber Focused Hands-on Interaction.</td>
<td>• Breadth of Cyber Features.</td>
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<td>• Relative Low Cost.</td>
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AI & Cybersecurity Enhancements: A Unified Roadmap
Strategically Advancing AI Integration and Cyber Defenses Together

Cyber Enhancements
- User Behavior Analytics
- Detections Dashboard
- Incident Response Integrations

AI Enhancements
- Broaden ML Model Repository
- LLM Integration
- Deep Learning Model Integrations
Join Our Mission

- Become a Partner
- Invest in the Future
- Solve Real Problems and Bridge the AI-Cyber Disconnect

Thank you - Schedule a Demo Today

https://www.aicyberlabs.net