OUR MISSION

We provide customized training workshop (called SEED workshop) to help participants improve their hands-on skills in cybersecurity and help professors incorporate hands-on activities into their cybersecurity curricula. We serve customers from educational institutes, government agencies, and companies. Our target audience is

- Professors
- Software developers
- IT personnel

The duration of the workshop can be from 2 to 5 days, with the contents being customizable based on the needs. The training is based on the widely used SEED labs developed by us, and will cover a wide spectrum of the attacks, defense, and security principles.

CONTACT US

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SEED WORKSHOP
ENHANCING HANDS-ON SKILLS IN CYBERSECURITY

SEEDLabs Workshop, LLC
https://seedsecuritylabs.org/
**SEED Labs**

Hands-on Labs for Security Education

**40** hands-on labs
**20** years of effort
**free** for educational use

Used by **1000+** universities/colleges

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**Sample Program**

**Day 1 (Web Security)**
- Lab Environment Setup
- Cross-Site Scripting Attack
- SQL Injection Attack
- CSRF Attack
- Shellshock Attack

**Day 2 (Software/Hardware Security)**
- Software Security Basics
- Buffer-Overflow Attack
- Capture-the-Flag
- Race Condition Attack
- Meltdown/Spectre Attack

**Day 3 (Network Security)**
- ARP Cache Poisoning
- TCP Attacks
- Mitnick Attack
- DNS Attacks
- Heartbleed Attack

**Day 4 (Network Security)**
- IoT Attacks
- Virtual Private Network
- Firewall
- BGP Attacks

**Day 5 (Crypto and Mobile)**
- Public-Key Infrastructure
- Hash Collision Attack
- Android Repackaging
- Android Rooting

Agenda can be customized based on the needs and participant backgrounds.

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**Feedback**

“Dr Du was exceptional in delivering the workshop lectures. His efforts all throughout the workshop were amazing.”

“This workshop allows me to develop better understanding on security problems at both hands-on and theoretical levels.”

“The topics provided by the workshop are both representative and timely,”

“Prof Du has developed an excellent program that makes incorporating new labs into the classroom seamless.”

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We have held workshops in USA and Saudi Arabia, and trained over 400 professors.