

CYBER SECURITY FORUM INITIATIVE

EST. 2009 • NON-PROFIT • NATIONAL CAPITAL REGION

FIGHT THROUGH THE ATTACK

U.S. CITIZENS • 18+

VOLUNTEER • NON-PROFIT

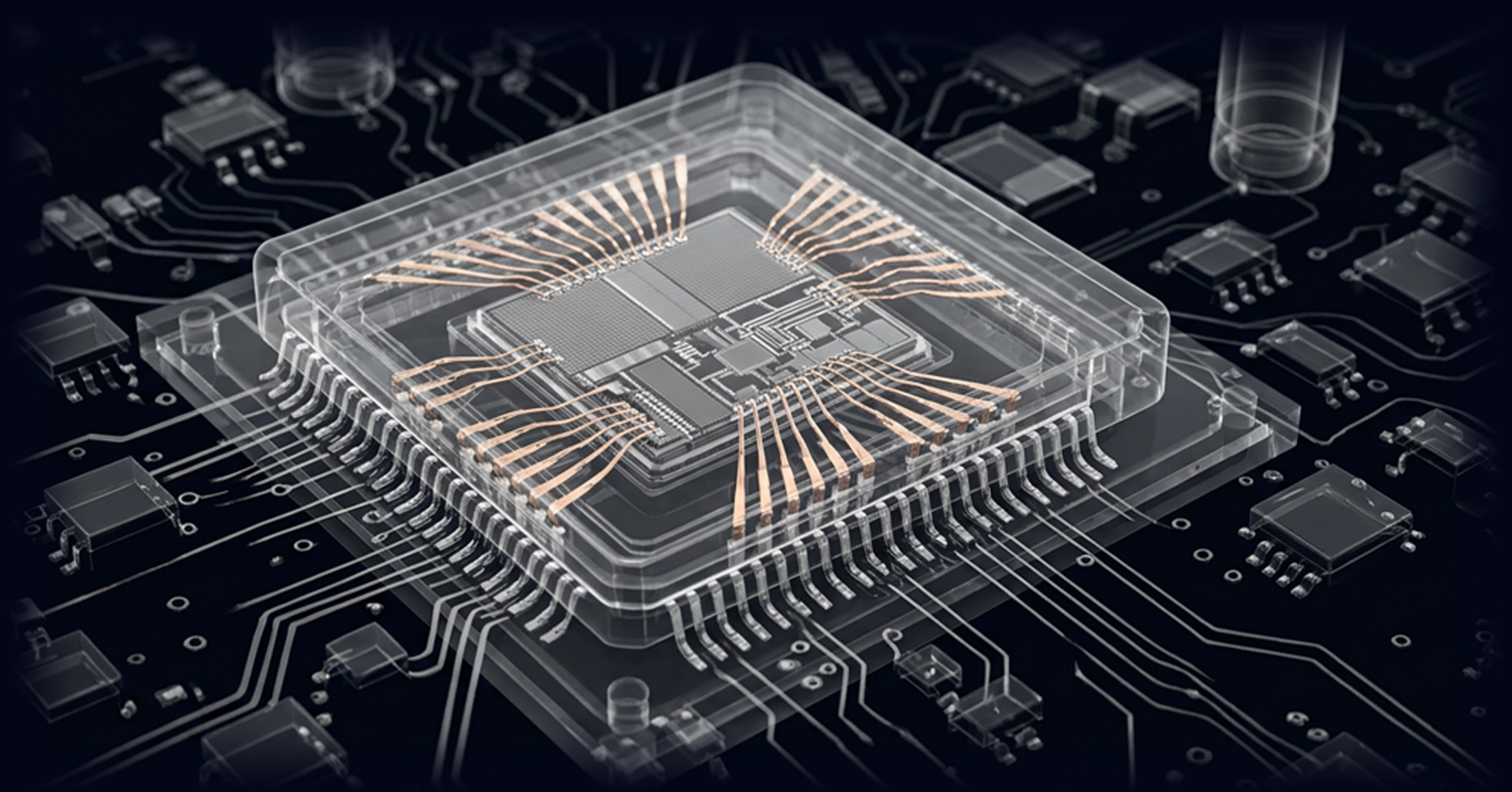
VIRGINIA • MARYLAND • D.C.

CSFI CYBERSPACE OPERATIONS • SIX-MONTH PROGRAM

CSFI LAB VALIDATION PROGRAM



A six-month, hands-on volunteer initiative that builds and validates the cyberspace operations labs training America's cyber workforce. A non-profit CSFI effort in support of American national security, open to university students and volunteers 18 and older across the Washington, D.C. region.



6MO

PROGRAM DURATION

100%

HANDS-ON • IN PERSON

2009

CSFI FOUNDED

WWW.CSFI.US

IN-PERSON LABS • QUANTICO + ARLINGTON, VIRGINIA
CYBER SECURITY FORUM INITIATIVE

The proving ground for America's cyber workforce.

A six-month CSFI initiative that strengthens the computer labs behind serious cyberspace operations training, and sharpens the people who run them.

Lab validation is where readiness is proven. Cohorts verify and document lab systems, software, and hardware against current standards, refine the tutorials that teach them, and drive the virtual machine environments that replicate live threat scenarios.

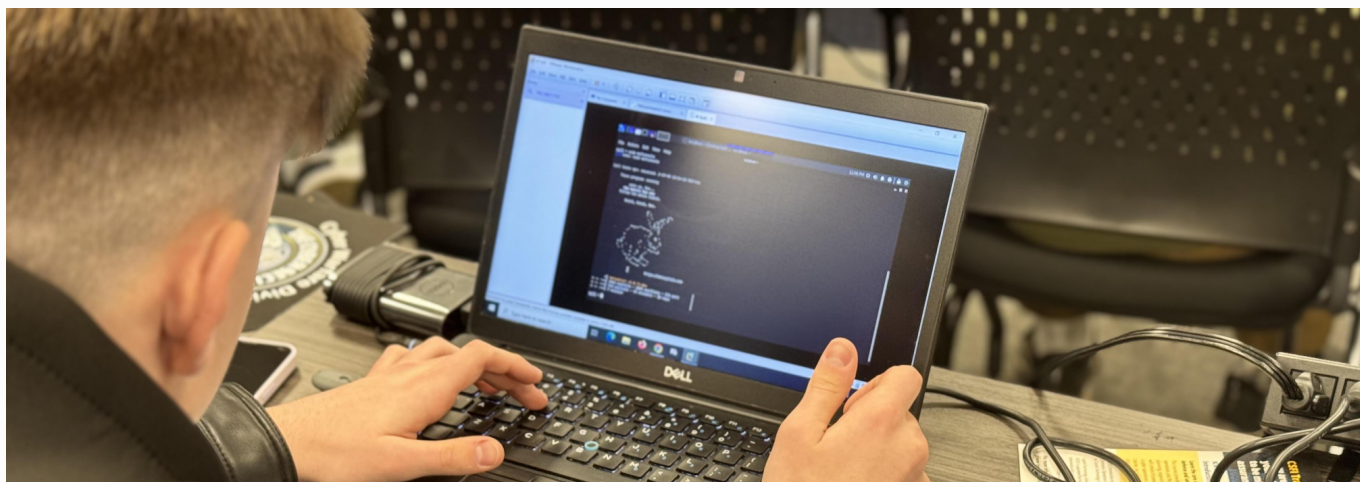
The program runs on trust. Participation requires agreement to a Code of Conduct and a Non-Disclosure Agreement, and members meet in person for lab sessions in Quantico and Arlington, Virginia, working face to face throughout the six-month term.

SERVING VA • MD • D.C.

HANDS-ON • IN PERSON

AT A GLANCE

DURATION	Six months
FORMAT	In person • hands-on
LAB SITES	Quantico + Arlington, VA
HQ	Old Town Manassas, VA
ELIGIBILITY	U.S. citizens • 18+
OPEN TO	Students + volunteers
COST	None • volunteer effort
AGREEMENTS	Code of Conduct + NDA



LIVE-FIRE LAB • A STUDENT WORKS AN EXPLOITATION EXERCISE AGAINST A TARGET VM

CYBER IS SERVING YOUR COUNTRY.

“*These are not only good paying jobs, they are meaningful jobs. These jobs work with our economic prosperity, our technological innovation, and our national security... Cyber is serving your country.*”

FORMER NATIONAL CYBER DIRECTOR HARRY COKER
EXECUTIVE OFFICE OF THE PRESIDENT • WASHINGTON, D.C.

CSFI answers that call from the national capital region. Every validated lab, refined tutorial, and simulated intrusion this program produces feeds the training of American cyber operators, analysts, and defenders across Virginia, Maryland, and the District.



Three disciplines. One standard.

Every cohort runs the same core work: prove the labs, teach the labs, and push them further than they were.

01

Validation + Documentation

Rigorous verification of every lab system, software stack, and hardware layer against current standards and practices, documented so performance and reliability hold up when it counts.

02

Tutorials + Learning Resources

Existing tutorials are refined and new ones authored, practical guides that walk learners through complex lab environments and shorten the path to mastery.

03

Virtual Machine Operations

Extensive VM work emulates diverse systems and environments, enabling validation of full-spectrum cyberspace operations labs and the simulation of live threat scenarios.



CSFI LAB VALIDATION TEAM CONDUCTING STATE ACTOR MALWARE ANALYSIS

VALIDATE • DOCUMENT • SIMULATE • TEACH • REPEAT

Validated to the **metal**.

From bare hardware to live threat scenarios, every layer of the lab environment is held to an operational standard.

Reliability + Performance

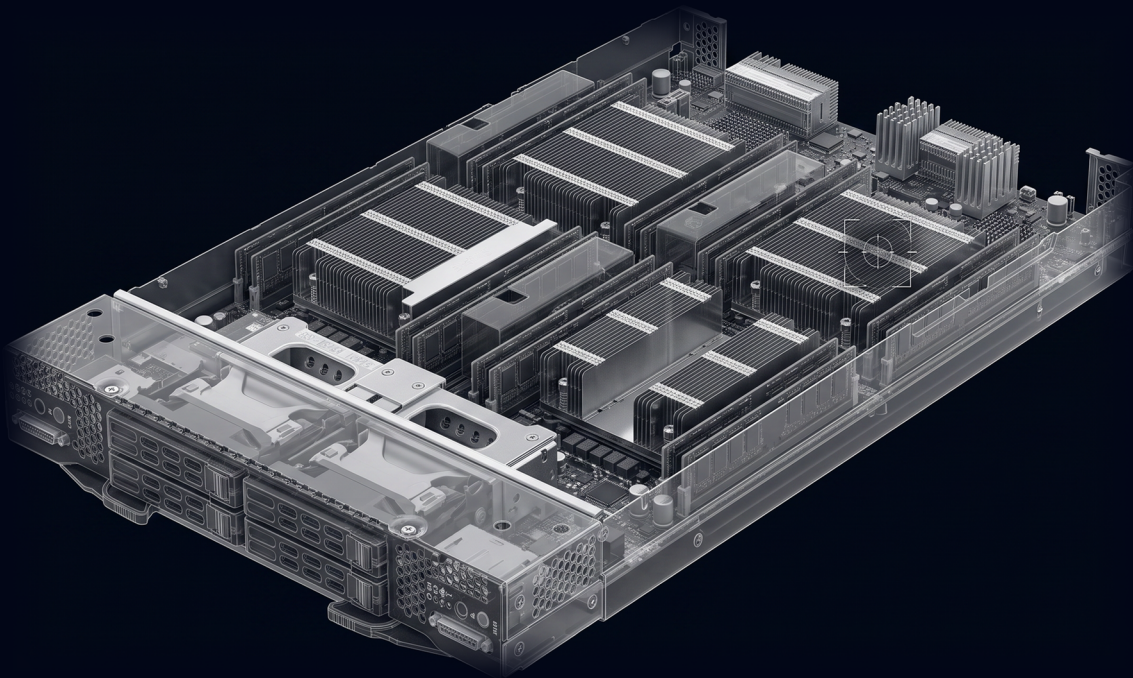
Validation and documentation keep hardware, software, and systems current and performing at optimal levels, so learners and practitioners work without disruption.

Enhanced Learning

Constantly refined tutorials shorten the learning curve, speed the adoption of new tools and techniques, and turn complex labs into teachable ground.

Real-World Readiness

VM-driven emulation replicates a wide array of threat scenarios in a controlled setting, building operators ready for the pressure of live cyberspace.



LAB INFRASTRUCTURE • VALIDATED FROM SILICON TO SCENARIO

From outsider to operator.

Breaking into the cybersecurity market is the problem. This program is CSFI's working solution, four ways a motivated volunteer becomes a trusted practitioner.

01

Build Technical Skill

Deepen core knowledge across systems, networks, and tooling, with structure, mentorship, and a bar that keeps rising.

02

Touch Real Intrusion Data

Study real intrusion data for learning purposes, material that self-study and certifications never reach.

03

Gain Practical Experience

Log real repetitions on real labs. Validation work becomes a documented portfolio, not a promise.

04

Network + Engage

Work shoulder to shoulder with practitioners and mentors across the region's cyber community.

THE NATIONAL CAPITAL REGION

CSFI is headquartered in Old Town Manassas, with labs run in person in Quantico and Arlington, Virginia, minutes from one of the densest concentrations of cyber missions in the country. Volunteers join from across Virginia, Maryland, and Washington, D.C.



If you live in Virginia, Maryland, or the District and can make it to the labs in person, **you can serve.**

Built by volunteers. Bound by mission.

CSFI is looking for disciplined people who want repetitions, mentorship, and a mission bigger than a resume line.

WHO THRIVES HERE

- ✓ University students and recent graduates hungry for real repetitions
- ✓ Transitioning service members and veterans continuing to serve
- ✓ Career changers proving their way into the cyber workforce
- ✓ Working professionals sharpening operational tradecraft
- ✓ Educators and lab builders raising the standard of training

Based in Virginia, Maryland, or Washington, D.C.? If you can show up, you can contribute.

THE COMMITMENT

U.S. CITIZENS • 18+

AGREEMENTS Code of Conduct • NDA

LAB SITES Quantico + Arlington, VA

FORMAT In person • hands-on

TERM Six months

TUITION None • all volunteer

VALIDATED SKILL

Hands-on capability proven on real lab environments, not slideware.

A BODY OF WORK

Documentation, tutorials, and validated builds you can point to.

A MISSION NETWORK

Working relationships across the D.C. area cyber community.

JOIN THE CSFI LAB VALIDATION TEAM

TO APPLY, EMAIL

CONTACT@CSFI.US

APPLICANTS MUST BE LOCAL TO THE DMV AREA • D.C. • MARYLAND • VIRGINIA

WWW.CSFI.US • 9401 BATTLE STREET, SUITE 202 • MANASSAS, VA 20110



“Hands-on technical knowledge turns theories into reality. It is where each action carries meaning, and innovation grows from understanding the practical.”

Paul de Souza

DR. PAUL DE SOUZA
CSFI FOUNDER • PRESIDENT



CYBER SECURITY FORUM INITIATIVE, INC.

9401 BATTLE STREET, SUITE 202 • MANASSAS, VA 20110 • USA
WWW.CSFI.US • CAGE CODE 8L7W1

A non-profit initiative in support of American national security and the mastery and development of the nation's cyber workforce.

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