



# REDTEAM360

AMALGAMATING CYBERSECURITY EDUCATION

An ISO 9001 - 2015 Certified Company

# Overview

Bug bounty hunting is the newly emerging and trending role in cybersecurity that allows free hand security professionals to assess application and platforms security of an organization in vision to identify bugs or vulnerabilities. With a free hand to ethically hack and pentesting applications developed by in-house workforce of the organizations, bug bounty hunters are mostly highly paid to locate and report security bugs

Certified Bug Bounty Hunter is an extensive training and cybersecurity course from RedTeam Hacker Academy hones security skills of ethical hackers and penetration testers aggressively. This bug hunting course dispenses unparalleled offensive security skills to the candidates while illustrating proven methodologies of discovering and reporting potential vulnerabilities in the software applications and platform. This crowdsourcing security training practically demonstrates all foolproof tools and practices to ethically crack the websites and applications security and gain bounties as rewards.

RHTA's Bug Bounty Hunter program has been devised by certified security experts and team of leading cybersecurity specialists. Focusing the practical implementation of the conventional and modern ways of web application penetration testing, ethical hacking, red teaming, and security assessment, the training includes hands-on exposure in real-like environments.





# Target Audience

- Cyber Security Aspirants
- Ethical Hackers
- Penetration Testers
- Web App Developers
- QA & Testing Professionals
- Security Analysts



**Course Duration 60 Hrs**

# Certification

- RTHA's Certified Bug Bounty Hunter

# Eligibility Criteria

- Understanding of cyber security fundamentals
- Basic knowledge of ethical hacking and penetration testing



# Why

# Bug Bounty Hunter?

Bug Bounty Hunter is an all-encompassing security course that equips free-hand security testers to discover potential bugs in applications and websites following advanced methodologies.

Certified Bug Bounty Hunter training from RTHA constitutes:

- Real-like project based implementation
- Fully equipped hi-tech online lab sessions
- Industry leading cybersecurity curriculum
- Live web application penetration testing POC
- Comprehensive tech-how to exploit diverse web applications and platforms
- Hands-on delivery of critical security essentials including ethical hacking, penetration testing
- Getting recognized as bug bounty Hall Of Fame, earning monetary rewards, and global appreciation



# Course Objectives

This bug bounty hunting training will advance your know-how of:

- Introduction to Bug Bounty
- World Wide Web
- Recon
- Session Fixation
- HTML Injection
- XSS
- Burp Suite for Bug Hunters
- Clickjacking
- SQL & OS Command Injections
- File Inclusion Bugs
- File Upload Bugs
- XML External Entity Injection
- Cross-Site Request Forgery
- Server Side Request Forgery
- Insecure Direct Object References
- Response Splitting (CRLF).
- Rate Limiting Bugs.
- Open Redirect
- Responsible Disclosures and Report Writing.
- Books & Tools



# What Will You Learn

Bug Bounty Hunter course participants gain a competitive edge in:

- Understand the core concepts of bug bounty hunting
- Cybersecurity in World Wide Web
- Bug bounty hunting and OWASP fundamentals
- Using passive reconnaissance tools
- Session hijacking and fixation
- Using HTML injection to modify web pages to locate maliciousness
- Cross Site Scripting (XSS) for pentesting web applications
- Web hacking with burp suite
- UI redressing or clickjacking techniques
- Executing OS commands with SQL injections
- Discovering file inclusion and file upload bugs
- Identifying XML External Entity (XXE) Injection to parse XML web data
- Performing cross-site request forgery (CSRF)
- Server Side Request Forgery(SSRF) techniques)
- Preventing Insecure direct object references (IDOR)
- HTTP response splitting with CRLF injection
- Identifying rate limiting bugs
- Discovering open redirect issues
- Locating and reporting responsible disclosures
- Integral bug bounty hunting tools and reference books

*According to a report, Bug Bounty Hunters cornered \$82 million cumulatively and earned around \$40 million in 2019 alone.*

Source:

<https://www.hackerone.com/resources/reporting/the-2020-hacker-report>

# Bug Bounty Hunting- Scope & Opportunities Landscape

Successful completion of this bug bounty hunting program entitles you to become the most sought-after certified bug bounty hunter.

*According to a BBC report bug bounty hunters earns an average of \$50,000 per month.*

(Source <https://medium.com/@kratikalacademy/how-much-do-bug-bounty-hunters-earn-3be588c61338>)

Bug bounty hunting is a tremendously growing career landscape across the globe. Dramatically rising cyber security attacks are immensely creating opportunities for ethical hackers, blue and red teamers and penetration testers. Bug bounty hunting is gaining traction due to non-restrictive, boundation-free security role offering flexibility to execute highly demanded security roles while fetching much more money than regular full-time security job roles.

*A report reflects 83% increase in the number of security bug hunters in India from 2019 establishing India as leading nation in the field of information security research.*



# General Opportunities in Cybersecurity

Cybersecurity has always been a prime concern for organizations since the boundless use of internet-enabled devices. Companies strive hard to hire security workforce competent enough to safeguard their organizational security infrastructure and addressing continually evolving cyber threats is their biggest challenge.

Various reports and surveys depict a huge skill gap in cybersecurity worldwide that needs to be addressed to safeguard data and information effectively.

***A survey conducted by the Centre for Strategic and International Studies reflects that 82% of employers admit a skill gap of efficient cybersecurity workforce and 71% of the survey takers agree that this skill shortage affects substantial damage to their businesses directly.***

Top-ranked job roles in cyber security include:

- ➔ Ethical Hacker
- ➔ Network Security Administrator
- ➔ Security Engineer
- ➔ Security Architect
- ➔ Cyber Security Analyst
- ➔ Penetration Tester
- ➔ Chief Information Security Officer
- ➔ Incident Responder
- ➔ Security Auditor
- ➔ Security Specialist/ Consultant



Cybersecurity offers abundant career opportunities with compelling pay packages. Professionally trained and certified security people are highly sought-after by organizations of all types and sizes who are competent to prevent crucial information from getting hacked and exploited.

*As per another survey conducted by Payscale Candidates seeking career in information and cyber security having appropriate know-how earns an average salary of \$90k.*

**A RECENT CONDUCTED RECENTLY REFLECTS THAT CYBERSECURITY LEADERS FACE A SIGNIFICANT SKILLS SHORTAGE OF AROUND 76%**

Source:

<https://www.securitymagazine.com/articles/92312-of-cybersecurity-leaders-face-skills-shortage>

## About RedTeam Hacker Academy

RedTeam Hacker Academy is a leading cybersecurity training company endeavoring to produce proficient security professionals with 360 degree understanding of the information security architecture, ethical hacking, and security governance. With a team of over 50 certified security professionals, RTHA is recognized for delivering niche cybersecurity training to security aspirants and working information professionals. Devised in vision to bridge the security skill gap across industries, RedTeam Academy offers implementation-based certification and training programs in Cybersecurity, Cloud, Artificial Intelligence (AI), Machine Learning (ML), and Blockchain to name a few.



# Exclusive e-Learning Portal

RTHA is the first cybersecurity training company having digitized certification and training programs.

RedTeam Hacker Academy facilitates candidates to attain an in-depth learning of diverse penetration testing avenues with an exclusively designed e-Learning portal. Our all-inclusive LMS (Learning Management System) developed using futuristic technologies helps our students to keep track of their performance and stay updated with the most recent information, program updates and assessments through an interactive dashboard.

## Internet-Based Cyber Labs

RedTeam Hacker Academy is embraced for its innovative hands-on training solutions with fully-functional online cyber labs.

We ensure that our students get practical knowledge of the concepts explained during the course no matter wherever they are located across the globe. Highly equipped online cyber labs from RedTeam Hacker academy enable candidates to get hold of lab-intensive learning through digitally setup workshops during their course of training.

# Our Events

## WICS- Women in Cybersecurity

Drastically changing gender ratio as workforce across diverse industries has clearly depicted that women are capable of leading any business type and size. But cybersecurity still continues to be a gender biased domain.

*A recent cybersecurity report reflects that during 2019, women workforce in cybersecurity constituted only around 20 percent.*

Source:

<https://logrhythm.com/blog/three-takeaways-from-the-2020-sans-women-in-security-survey/>

To remove a perception that cybersecurity is a better bet for men as it involves technical skills, we at RedTeam Academy conduct a range of events spreading awareness about diverse highly paid roles and benefits women can leverage by joining the security workforce.

RedTeam Hacker Academy is the first cybersecurity training company that devises exclusive training programs for women security aspirants. Being a socially responsible company, we launched this initiative called WICS- Women in Cybersecurity that caters to address gender imbalance in this domain by hiring and promoting females having appropriate skills, providing mentorships to the women security aspirants, offering them the opportunities to lead the conferences, workshops and many others.





# Our Events

## RedTeam Security Summit

In a vision to share our extensive tech-how experience in diverse cybersecurity areas, RedTeam Hacker Academy conducts an annual security summit nationally. In association with the renowned national agencies like Cyber Peace Foundation, cyber law enforcement agencies like Kerala Police and Cyberdome, we empower working security professionals and aspiring security workforce with detailed insights of the globally valued cybersecurity careers, roles, and opportunities. Led by industry experts and professional speakers, this all-embracing event helps new learners attain far-reaching understanding of the cybersecurity strategies, best practices and the righteous career path for optimized opportunities.

REDTEAM  
**SECURITY  
SUMMIT**



# Coffee with RedTeam

*“It is good to rub, and polish our brain against that of others.”*

*- Michel Eyquem de Montaigne*

Coffee with RedTeam offers an exquisite platform to the cybersecurity enthusiasts who intend to advance their knowledge and deep dive into this arena leveraging with knowledge shared by domain-mates. Conducted by certified RTHA experts, this impeccable platform brings students, learners, and working professionals under the same roof. This incredible event is one of its kind that not only helps knowledge enhancement but also enables infosec people connect with each other from various walks of security and work out the best ways to contribute to bridge the skill-gap globally.

Coffee  
with Redteam