ISSA- Education

Goals:

- Educational Resources
- Mentorship Program
- Team Building/Collaboration
- Hands on Industry Tool Familiarization
- Certification Tracking / Pipeline

Professional Development – This is the way….

Started from the bottom...   Time   ...Now you're here

"UNMITIGATED DAILY DICIPLINE IN ALL THINGS"
-Jocko Willink

ISSA- Education: Chapter Links

Practice Labs / Content Creators / Security Tools and Resources

https://issa-hr.org/security-resources/

ISSA Reading List

https://issa-hr.org/reading-list/

ISSA- Education: Video On Demand

The companies listed below are primarily focused on providing various forms of cybersecurity training and education.

1. **Cybrary**: Offers online cybersecurity courses and certifications for individuals and enterprises.
2. **Pluralsight**: Provides a range of technology courses, including cybersecurity and information security.
3. **INE**: Offers online courses and training in cybersecurity, networking, and cloud computing.
4. **CBT Nuggets**: Provides online video training in various IT fields, including cybersecurity.
5. **ITProTV**: Offers live and on-demand IT training, including cybersecurity courses and certifications.
6. **Code Wars**: Provides interactive coding challenges and exercises to help developers improve their skills.
7. **Offensive Security**: Offers cybersecurity training and certifications, including the popular OSCP certification.
8. **Vuln Hub**: Provides a range of vulnerable virtual machines for users to practice their cybersecurity skills and knowledge.
9. **Try Hack Me**: Offers virtual labs and challenges for users to improve their cybersecurity skills and knowledge.
10. **Web Security Academy:** Provides free online training in web application security.
11. **HTB Academy**: Offers online courses and training in various cybersecurity fields, including penetration testing.
12. **Hack The Box**: Provides virtual labs and challenges for users to practice their cybersecurity skills and knowledge.
13. **Lets Defend**: Offers online cybersecurity training and simulations for individuals and enterprises.
14. **Range Force**: Provides interactive, hands-on cybersecurity training and skills assessments for individuals and enterprises.

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ISSA- Education: Video On Demand

Membership Tiers

Free
- Limited Courses
- Limited Certification Prep
- Limited Assessments

Insider Pro - $59 USD/mo.
- Full Access to Courses
- Full Access to Certification Prep
- Full Access to Assessments
- Virtual Labs
- Practice Tests
- Career Paths

https://www.cybrary.it

Membership Tiers

Standard – $29 USD/mo
- Full Access to Course Library
- Full Access to Paths
- Full Access to Assessments

Premium – $45 USD/mo.
- Standard Perks +
- Expanded Library
- Exams
- Interactive Courses

https://www.pluralsight.com

Membership Tiers

Standard – $39 USD/mo.
- Full Access to Course Library
- Full Access to Paths
- Full Access to Assessments
- Full Access to Practice Tests

Annual – $299 USD.
- All standard access
- Free eJPT and ICCA vouche

Premium – $749 USD/Yr.
- Github and Azure projects
- 1,000+ Hands-on labs
- Live online bootcamps
- Networking workbooks
- 50% off one eLearnSecurity certification voucher

Premium+ – $899 USD/Yr.
Access to Pentester Academy ($249 value)

Membership Tiers

Individual– $59 USD/mo.
$599 USD/Yr.
- IT Focused Training Library
- Virtual Labs
- CyberVista IT Practice Exams
- App and Offline Viewing
- Playlists
- Certificates of completion
- Full Access to Practice Tests

Enterprise – Contact Sales

https://www.cbtnuggets.com/

Membership Tiers

Free – Limited Courses
- 75+ Hrs of IT Training
- 8 full entry level courses
- Daily Live Stream
- Webinars

Standard - $39 USD/mo.
- Official Video Training
  - CompTIA
  - AWS
  - Cisco
  - Apple/Microsoft/Linux
- Security, Cloud, Virtualization, more

Premium - $59 USD/mo.
- Standard Perks +
- Practice Tests
- Virtual Labs
- Learning Coach Services

https://www.itpro.tv

ISSA- Education: Hands on Labs

codewars

Membership Tiers

Complete Challenge to Join

- Sharpen Skills
- Instant Feedback
- Ranking System
- Become a Content Creator

https://www.codewars.com/

OFFENSIVE security PROVING GROUNDS

Membership Tiers

Play - Free

- Dedicated Machines
- Connect with the community
- Linux only machines

Practice - $799 USD billed annually

- Unlimited time and access to machines
- Multiple OS (Linux/Windows) Machines

https://www.offensive-security.com

VULNHUB

Membership Tiers

Free

- Community Submitted Machines
- You provide hardware / setup
- Linux only machines

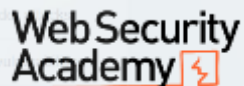https://www.vulnhub.com

Try Hack Me

Membership Tiers ✅

Play - Free

- Limited Machines
- Connect with the community
- Linux only machines

Paid - $14 USD

- Unlimited time and access to machines
- All Learning Paths Unlocked

https://tryhackme.com

Web Security Academy

Membership Tiers ✅

Play - Free

- Up to date training
- Track Progress

https://portswigger.net/web-security

HTB ACADEMY

Membership Tiers ✅

Play - Free

- Limited Access

Practice - $18 USD

- Unlock modules with "Cubes"
- Practice Subscription starts at 500 per month

https://academy.hackthebox.com/

HACKTHEBOX

Membership Tiers ✅

Standard - Free

- Limited Access
- Two hours / month

VIP - $14 USD

- Limited Access
- 24 hours / month

VIP PLUS - $20 USD

- Unlimited Access

https://www.hackthebox.com/

LetsDefend

Membership Tiers

Freemium - Free

- 5 cases each month
- Monitoring, Log Search, Case Management
- Academy

Security Analyst - $25 USD/Mo

- All Level 1 Cases
- All Academy Courses

Incident Responder- $40 USD/Mo

- All Level 1 and 2 Cases
- All Academy Courses

https://letsdefend.io/

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ISSA- Education: Hardware Hacking

Hacker Boxes
(https://hackerboxes.com/)

ADA Box
(https://www.adafruit.com/adabox)

HackerBoxes Monthly Subscription
~~$59.00~~ **$44.00** Sale

Discovery Bundle
~~$250.00~~ **$199.00** Sale

Byte Size Bundle
~~$229.00~~ **$169.00** Sale

- **Membership Tiers**
  - Regular Subscription
    - $44 / month
    - Individual Box - $59+
  - Byte Size Subscription
    - Individual Box - $36+
- **Hardware Required**
  - Soldering Station
  - Multimeter
  - Safety Goggles

HackerBoxes deliver interesting and exciting gear for exploring and learning electronics and computer technology.

Each HackerBox has an Instructable that serves as the Official Box Guide. These guides include content details, project suggestions, tutorials, and related links. Forums for sharing information with other members can be found on Instructables as well as on Facebook.
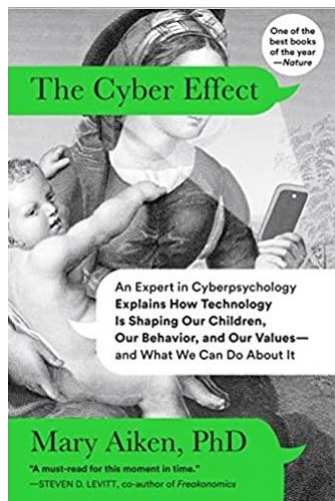
- **Membership Tiers**
  - Subscription - $60 / box (quarter)
- **Hardware Required**
 - Soldering Station
  - Multimeter
  - Safety Goggles

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ISSA- Education: Reading List
Featured Book of the Month

The Cyber Effect: If you are keen on learning about the mental process behind the conceptualization of technology then you are in for a treat. Through 'The Cyber Effect' book, Aiken poses and successfully answers questions like "What are the Effect of Technology in Our Lives?" "What is its effect on our lives, our children's lives?" or "to what extent has technology invaded our personal spaces?", "Is there even a thing called privacy anymore?". The questions are intriguing, but the answers are even more fascinating. The author has worked with law enforcement agencies throughout the world and was also the inspiration behind the now-famous series: SCI: Cyber, which explains the books enthralling prose.
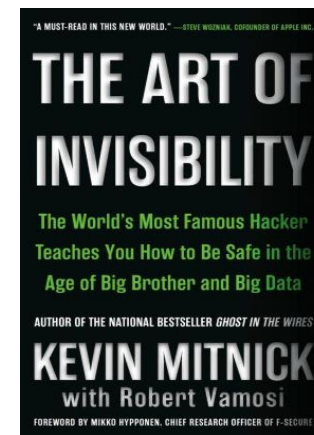
Previous Book
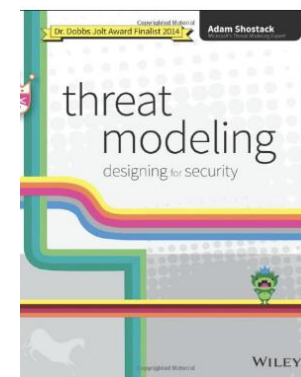
Previous Book

ISSA- Education: Reading List
Featured Blog of the Month

US Teenager Indicted for Credential Stuffing Attack on Fantasy Sports Website

A Wisconsin teenager has been charged with accessing tens of thousands of user accounts at a fantasy sports and betting website after launching a credential stuffing attack on the site.

According to a six-count criminal complaint (PDF), the teenager, Joseph Garrison, of Wisconsin, launched the attack on the betting website on November 18, 2022, accessing roughly 60,000 accounts without authorization.
In some cases, the defendant and others added a new payment method to the compromised accounts, deposited $5 using the new payment method, and then withdrew all the victims' funds to financial accounts controlled by the attackers.

According to the complaint, the attackers used this method on roughly 1,600 victim accounts, stealing approximately $600,000.
During a search at Garrison's house in February 2023, law enforcement found programs used for credential stuffing attacks, which require individualized "config" files for the victim websites.On Garrison's computer, law enforcement found roughly 700 config files for different corporate websites, along with files containing nearly 40 million username and password pairs.

Click on the link below to learn more about the story or Google the **Wisconsin teen Joseph Garrison**

https://www.securityweek.com/us-teenager-indicted-for-credential-stuffing-attack-on-fantasy-sports-website/

ISSA- Education: FREE Certification and Training

Presenting a list of FREE cybersecurity courses just for you! 💻

1. Intro to Information Security by Udacity: https://lnkd.in/ggdYxnUp

2. Network Security by Udacity: https://lnkd.in/gSHx2tJQ

3. Introduction to Cybersecurity: https://lnkd.in/ghQY8cKA

4. Cybersecurity Essentials: https://lnkd.in/gZe6bf-t

5. Networking Essentials: https://lnkd.in/gjipDpgG

6. NSE 1,2 & 3: https://lnkd.in/gsQJhn2a

7. Information Security by OpenLearn: https://lnkd.in/gvfghKNs

8. Network Security by OpenLearn: https://lnkd.in/gS2KWNfN

9. Risk Management by Open Learn: https://lnkd.in/gGPTDU2g

10. Certified in Cybersecurity℠ - CC: https://lnkd.in/gW3w8Jqu

11. CCNA Security Courses: https://lnkd.in/gfby3CR2

12. Network Defense Essentials (NDE): https://lnkd.in/g6mRKt2t

13. Ethical Hacking Essentials (EHE): https://lnkd.in/gRBGCud7

14. Digital Forensics Essentials (DFE): https://lnkd.in/gPrkYcDH

15. Dark Web, Anonymity, and Cryptocurrency: https://lnkd.in/gUrCCGdf

16. Digital Forensics by Open Learn: https://lnkd.in/gdv8emgt

17. AWS Cloud Certifications (Cybersecurity): https://lnkd.in/gaDGWdkm

18. Microsoft Learn for Azure: https://lnkd.in/gDpkXiik

19. Google Cloud Training: https://lnkd.in/get8rnkh

20. Android Bug Bounty Hunting: Hunt Like a Rat: https://lnkd.in/gMNT8saN

21. Vulnerability Management: https://lnkd.in/gvNKJnni

22. Software Security: https://lnkd.in/gG4P5bkn

23. Developing Secure Software: https://lnkd.in/gQRwTzKU

24. PortSwigger Web Hacking: https://lnkd.in/eEa-fNfu

25. RedTeaming: https://lnkd.in/et_T2DEa

26. Splunk: https://lnkd.in/et5bkjeY

27. Secure Software Development: https://lnkd.in/ebGpA4wG

28. Maryland Software Security: https://lnkd.in/e3z4zFmJ

29. Stanford Cyber Resiliency: https://lnkd.in/eg9BM5Bv

ISSA- Education: FREE Certification and Training

<u>Microsoft</u> is offering FREE courses in following areas 💻

- A.I.
- IoT
- Machine Learning
- Data Science

A project-based pedagogy that allows you to learn while building!

1. Artificial Intelligence for Beginners

https://lnkd.in/e-AbF4Np

2. IoT for Beginners

https://lnkd.in/eyUy23if

3. Machine Learning for Beginners - A Curriculum

https://lnkd.in/ebzpcRX6

4. Data Science for Beginners

https://lnkd.in/eWi2VhAJ

These courses are designed for beginners and offer an excellent foundation for
understanding the fundamentals of each field.
The demand for professionals in these fields is growing rapidly!
Don't miss out on this opportunity to gain a competitive edge and advance your career.

ISSA- Education: FREE Certification and Training

MICROSOFT BUILD EDITION

The Microsoft Learn Cloud Skills Challenge

Preview and register now

There are 8 challenges available to choose from, select one that's right for you. Once you complete that challenge you will earn a free Microsoft Certification exam that can be applied to your choice from a select list of options.

Important Reminders

No matter how many Microsoft Learn Cloud Skills Challenges you complete you can only earn one free Microsoft Certification exam.

If you earn a free Microsoft Certification exam, you will be notified via email when it becomes available. It will be delivered to the email address associated with your Microsoft Learn profile. Confirm or add a contact email here to ensure emails are delivered.

Your free Microsoft Certification exam offer will be delivered by June 30, 2023, and will expire on September 27, 2023. You must complete your exam before this date. We highly recommend booking your exam by September 8, 2023, to ensure exam completion before the offer expires. To see the full list of eligible exams please refer to the official rules.

https://www.microsoft.com/en-US/cloudskillschallenge/build/registration/2023?ocid=build23_csc_event_wwl

ISSA- Education: FREE Certification and Training

Terms and conditions

- The Microsoft Learn Cloud Skills Challenge starts May 23, 2023 at 4:00 PM (16:00) UTC and ends on June 20, 2023 at 4:00 PM (16:00) UTC.
- You are required to provide an email address during registration for the Microsoft Learn Cloud Skills Challenge. You will be contacted via the email address you provide with the free certification details.
- By completing one challenge within the Microsoft Learn Cloud Skills Challenge, eligible individuals are entitled to one free Microsoft Certification exam.
- You can only claim one offer per person, regardless of the number of challenges you complete.
- Prior to redeeming your free certification exam, government employees must check with their employers to ensure their participation is permitted, and in accordance with, applicable policies and laws.
- This exam offer may be redeemed to take one (1) Microsoft Certification exam, delivered at an authorized Pearson Vue testing center or through a Pearson Vue online proctoring site by September 27, 2023.
- This exam offer is exam-specific and only redeemable for select Microsoft exams. While you can take <u>any</u> of the select eligible exams, please see the challenge that aligns with each exam below. Eligible exams include
    - AI-900: Microsoft Azure AI Fundamentals
      Aligning Challenge: Microsoft Build: Azure AI Challenge
    - AZ-104: Microsoft Azure Administrator
      Aligning Challenge: Not applicable / take any challenge
    - AZ-204: Developing Solutions for Microsoft Azure
      Aligning Challenge: Not applicable / take any challenge
    - AZ-305: Designing Microsoft Azure Infrastructure Solutions
      Aligning Challenge: Microsoft Build: Cloud Development Challenge
    - AZ-400: Designing and Implementing Microsoft DevOps Solutions
      Aligning Challenge: Microsoft Build: DevOps Challenge
    - DP-420: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB
      Aligning Challenge: Microsoft Build: Azure Cosmos DB Developer Challenge
    - PL-400: Microsoft Power Platform Developer
      Aligning Challenge: Microsoft Build: Power Platform Developer Challenge
- There are no prerequisites to taking an exam. However, to achieve the Microsoft Certification, you must first achieve the prerequisites. If you take and pass the expert exam before the prerequisite, then you won't achieve the Microsoft Certification until you meet all the requirements of that Microsoft Certification.
- This exam offer redemption window starts June 30, 2023 and expires on September 27, 2023 inclusive of booking and taking the exam.

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ISSA- Education: FREE Certification and Training

(ISC)² Pledges One Million FREE (ISC)² Certified in Cybersecurity℠ Courses and Exams

See yourself in cybersecurity. You don't need experience — just the passion and drive to enter a demanding and rewarding field, one that opens limitless opportunities worldwide.

As part of our commitment to help close the cybersecurity workforce gap and diversify those working in the field, (ISC)² is offering FREE Certified in Cybersecurity (CC) Online Self-Paced Training and exams to one million people.

Advancing DEI in Cybersecurity
To encourage diversity, equity and inclusion in the workforce, (ISC)² will work closely with partner organizations as part of this program to reach populations underrepresented in cybersecurity. We've pledged half of the commitment – 500,000 course enrollments and exams – to this effort. Organizations serving these groups and willing to partner with us in this DEI effort can contact us at inclusion@isc2.org.

Start Your Journey
To participate in the One Million Certified in Cybersecurity program, please follow these simple steps:

1. Create an account. If you already have an (ISC)² account, sign in.
2. Complete your (ISC)² Candidate application form and select Certified in Cybersecurity as your certification of interest.
3. Once the application is complete, you'll become an (ISC)² Candidate. It's free to join and you'll gain access to Official (ISC)² Certified in Cybersecurity Online Self-Paced Training and a code to register for the free certification exam. You will find your access on the Candidate Benefits page. Annual dues of U.S. $50 will be due at the end of your first year of (ISC)² Candidate status.
4. Upon passing the exam, completion of the application form and payment of your $50 AMF, you'll become a certified member of (ISC)² – the world's largest association of certified cybersecurity professionals – with access to a broad range of professional development resources to help you throughout your career.

Get Started

https://www.isc2.org/

FREE Certification: **The (ISC)² Certified in Cybersecurity**

Considering a career in cybersecurity?
The good news is that almost every company today has a need for more cybersecurity staff, and the (ISC)² Certified in Cybersecurity (CC) exam is an excellent starting point for a career in cybersecurity.

As part of its commitment to help close the cybersecurity workforce gap and diversify those working in the field, (ISC)² is offering FREE Certified in Cybersecurity (CC) Online Self-Paced Training and exams to one million people. You can be one of them.

Here the steps that will help you to register for the exam and its self-placed training.

Register for an account at (ISC)² or sign in to your account
Complete the candidate application form — here
Redeem your Free Certified in Cybersecurity Exam
Create an account with Pearson VUE, the exclusive global administrator of (ISC)² exams
Select the certification: CC: Certified in Cybersecurity
Select your testing location and schedule your exam
Enter promo code CC1M12312023 and click apply. Your total will automatically update to $0.

ISSA- Education: FREE Certification and Training

Boe **BOEING TECHNICAL APPRENTICESHIP PROGRAM (BTAP)** 'ogram

The digital revolution has created new demands for technical skills to align with a digital future of work. BTAP is an accelerated, on-the-job, earn as you learn development program for those interested in gaining new job-ready technical skills for emerging and in demand roles. Whether you are seeking to make a change, transitioning from school, re-entering the workforce, or simply want to jumpstart your career – this program fast-tracks your development. BTAP participants receive paid, relevant work experience and are mentored by industry leaders, while acquiring the skills and on the job experiences that we value.
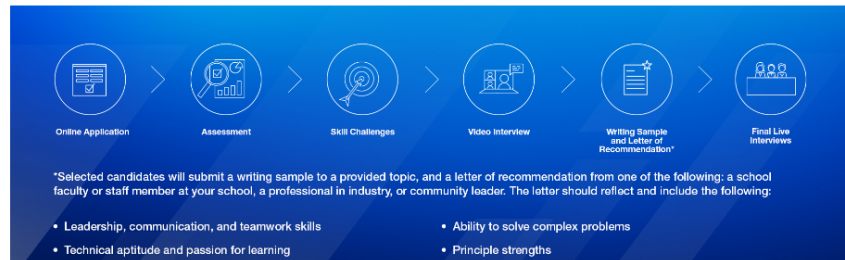
PROGRAM OVERVIEW

The BTAP experience is immersive, adaptive and personalized. You'll work in a paid technical apprenticeship program for up to 12 months gaining job-ready skills and experience to become a viable candidate for a full-time role at Boeing, in aerospace or in other industries. We'll give you core/foundational hands-on technical training and on-the-job developmental experiences that result in digital credentials and milestone career achievements. Upon completion, you will receive an industry-recognized credential from Boeing as well as a recognized U.S. Department of Labor registered apprenticeship credential.

ELIGIBILITY

BTAP is open to applicants in the United States. A degree is not required to apply for most technical apprenticeship programs. We select apprentices based on a range of criteria, such as:

- Problem solving skills
- Technical aptitude and a passion for learning new things
- Positive attitude
- Willingness to work independently and accept accountability
- Persistence
- Willingness to help others
- Determination to succeed

APPLICATION MATERIALS

Online Application > Assessment > Skill Challenges > Video Interview > Writing Sample and Letter of Recommendation* > Final Live Interviews

*Selected candidates will submit a writing sample to a provided topic, and a letter of recommendation from one of the following: a school faculty or staff member at your school, a professional in industry, or community leader. The letter should reflect and include the following:

- Leadership, communication, and teamwork skills
- Technical aptitude and passion for learning
- Ability to solve complex problems
- Principle strengths

https://jobs.boeing.com/BTAP