



AINC, Creating Code

Hello World!

Revolutions don't happen sitting idly, they probably are awaiting you to compile and execute their code.



...and at one point, the sheer scale of technological growth has left us dumbstruck!

On 1st January 2000, we awoke into the 21st century, a century full of wonders and innovation. We developed commercial electric cars, E-Commerce boomed, we developed powerful smartphones and decentralized currencies as well. But do we understand all these technologies enough to benefit out of them?

We are automating everything from delivering food to paying our bills, the exponential growth of technology has made humans start losing the race in keeping up with it and at one point, the sheer scale of technological growth has left us dumbstruck.

Here at AINC, we have a vision of *integrating all the necessary services needed to learn, develop and sell the skills of **the modern human cyborg***, a human, who not only uses technologies but also develops and understands them.

LearKnight , certified armour for your tech skills



Practical and applied Certifications on some of the most sought after tech. in the IT sector.

The Beginner's Security Analyst Certification

by **AINC core**, developed with experts, tested by the community.

Overview

The certification aims at developing core coding prowess, along with the skill set development in the sector of rapid application development and cybersecurity.

The Beginner Security Analyst Certification or BSA caters to the Cybersecurity enthusiast. The key features are listed below;

- ★ *Open Source at heart* - We don't promote paid software neither do we use them. At AINC Learnknight the aim is to educate the young masses on the vast applicability of the Open Source Softwares and Open Community.
- ★ *Rapid Application Development*- The industry moves at lightning speed, so do we! The concept of RAD allows us to incorporate a lot of elements like core programming along with applied projects. The students are taught to manage and use their time effectively via appropriate software development methodologies.
- ★ *The Essence of Python* - Complying with the RAD method of software development, the students can look forward to diving into python and develop a mini project in it.
- ★ *Industry Standard Tools* - The Cybersecurity industry has no standards. However, over the years we have seen standardisation of several tools that have become industry favourites. Tools like OpenVas, Metasploit, N-Map, etc. are a common name in the industry. A BSA enthusiast can look forward to learning all these in the certification.
- ★ *Live VAPT* - Students will be taught to create their own testing labs and will be taught through a live demonstration on how to analyse vulnerabilities and do basic penetration testing through the Metasploit tool.
- ★ *Certified Success* - Every BSA certified student shall be rewarded with a certificate of completion on successful course completion. There shall be a test at the end of the certification to evaluate every candidate based upon their knowledge, skill and performance. The exam voucher code is also provided free of cost and shall be valid for single use. The candidates unable to obtain passing marks can purchase another exam voucher at a 70% discount* for a limited time period by mailing their requirements to ankushors789@gmail.com.

All the above-mentioned features are liable to undergo a change/modification as per student requirements and organisational use. For any specific feature, please consult your AINC lead, we shall be happy to plan these out for you.

In addition to the above-mentioned features, the certified students shall also receive a *curated content* package, that shall contain videos, links and resource material for further research in the security field free of cost.

The students shall also be liable to avail special discounts on all Learnknight products by AINC via a special voucher code.

Specifications

The entire project certification lifecycle shall include the following elements-

1st half-

Element	Brief
1. Learning outcomes	<ul style="list-style-type: none">a) Learn about various network analysis tools.b) Learn the basics of cryptography and code your very own cryptic software in python.c) Step into the shoes of a hacker, build a powerful trap for anyone sniffing your data.d) Learn to penetrate in a live hacker's environment, using one of the industry standard penetration tools.
2. Tools and Languages to be Used	<ul style="list-style-type: none">a) Python, the crazy versatile language.b) N-Map.c) Zenmap.d) OpenVas.e) Canary Tokens.f) Metasploitable 2.0.g) Metasploit.
3. Understanding Encryption	<ul style="list-style-type: none">a) What is Encryption?b) Some Industry standards in Encryption?c) A sample demonstration of the Encryptor 1.0, password safe.d) What's more?
4. A Simple Caesar's Cipher	<ul style="list-style-type: none">a) Caesar's Cipherb) Basics of Python.c) Coding Caesar's Cipher.

2nd Half-

Element	Brief
1. Network Mapping Using N-Map	<ul style="list-style-type: none">a) What is N-Map?b) Downloading N-Map.c) N-Map Usage.d) Analysing the network through N-Map.
2. ZenMap, N-Map with UI	<ul style="list-style-type: none">a) Installing ZenMap.b) Analysing results.
3. BurpSuite Community Edition	<ul style="list-style-type: none">a) BurpSuite the best web vulnerability scanner.b) Various attack modes of Burp.c) Proxy setup on burp and firefox.d) Repeater.e) Using BURP!
4. SQL Injection	<ul style="list-style-type: none">a) SQLI and where is it possibleb) Setting up the SQLI Lab.c) PEN testing of web app using SQLI.
5. Metasploitable 2.0	<ul style="list-style-type: none">a) What is Metasploitable?b) Running Metasploitable on a Virtual Machine.c) Risks of Metasploitable.
6. Simple Penetration Testing through Metasploit Console	<ul style="list-style-type: none">a) Understanding Metasploit.b) Downloading the toolc) How does penetration works?d) Penetrating the Metasploitable's network.e) Gaining Accessf) Realising Results.
7. Certified BSA	<ul style="list-style-type: none">a) Collecting your certificate by AINC, Learknight.b) 70% off on all other upcoming industry-relevant certifications by AINC, all year long.

	c) Signing up for future access and our awesome newsletter.
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In addition to the above, some specific needs for the project certifications shall be duly notified to all the participating members. (Includes pre-requisites, software installed etc.)

Goals

You are only limited by what you think limits you.

The goals of the current certification are as follows-

- ★ Motivating students on learning new technologies and skills through a focussed, descriptive model of development.
- ★ Creating a zeal for applying knowledge of the skill set gathered.
- ★ Encouraging students to try and use the partner resources for complete holistic development and enhanced exposure to the greater tech space.
- ★ Teaching the need to create sellable products, innovate their marketing methods and building a brand.
- ★ Learning the basics of cybersecurity, setting a foundation for other courses as well.

What do we want from you?

We are just starting out, we have *needs*.

As a partner, we would be expecting the following from you-

- ★ Your brand name to be used for promoting our event.
- ★ Mentorship/Advising, if need be, for our participating members.
- ★ Goodies, Merchandise etc. wherever it can be provided.
- ★ For specific collaborated content-based events, there shall be a service fee involved.

We aren't going to ask anything that you can't provide. Every dealing shall be carried out directly with our dedicated team.

Partner Benefits

Come partner with us and be a part of the craziest gang of nerds | geeks | visionaries.

AINC, creating code aims at building a rock-solid network of the technical community. Our partners are family to us. So guessing what all benefits would you have in being a part of Learnknight? Well, we have done the job of listing them out for you-

- ★ Targeted promotions of the brand that our partners uphold.
- ★ Customized content based promotional support for all further activities we hold.
- ★ Time to time advertisements for our partners in our ever increasing community of Learnknights.
- ★ Direct interaction with the community of passionate tech enthusiasts, eager on expanding their skillset.

We customize talent for you, we stand together, we create the future together.

What have we already started?

We frankly are just born, learning to walk and talk code, but goddamn are we fast!

AINC began its operations just a month ago with a vision to expand in different sectors of the education segment. AINC has the tagline of “Creating Code”, but we aren’t just all about that.

AINC currently provides services in two “Streams”, the “Code Stream”, or the applied project development training, and the “Discover Stream”, which is the learnable certification and continuous discussion/lecturing programme for our community.

We have already done a discussion on “BlockChain, the thread sewing the future. An interactive lecture was recently concluded on the topic of New Technologies and their applications in the tech space by our founding members for over 100 students.

We have also conducted a seminar on the topic “Future Uncensored”, which covered a lot of future technologies and how to start learning them. The seminar attended by over 80 students was very well appreciated and applauded.

Supporting UPES E-CELL, our community was also able to get access to the prestigious product development workshop by Mr Nitish Kaushik and attend the official talk by Mr Vishal Nigam, founder, Indian Blockchain Council. AINC strives at catering to our community through our partnering brands and our very own products.

We are rapidly developing our products to cater to the never-ending thirst of human curiosity and the burning passion of our community for Industry specific technologies.

Meet the Founders

Duh! They are the ones who have the company's Netflix Id's and passwords.



Ankush Sharma, the code-a-holic

This fellow just doesn't know when to quit. Building a reputation for himself in learning computer languages, Ankush has numerous entry level to mid-scale projects under his belt. He has been a part of the biggest technology societies in his university and has earned himself name in the sector of entrepreneurship as well. Some of these societies are, ACM, ACM-W, Entrepreneurship Cell, Google Developer Student club etc. Ankush is currently the board member of Entrepreneurship Cell and UPES ACM and our very own founding member. He is also a cybersecurity enthusiast undergoing a Cybrary CompTIA Security + certification along with certified knowledge in Computer Networking and Analysis and Ethical Hacking. He is certified End User: Network Security expert along with being certified in Web App ethical hacking and Fundamental System Security.

He is a dedicated learner and has given several lectures tutoring over 500+ students. He has also authored articles on cybersecurity and mentored a lot of budding entrepreneurs before beginning his own venture.

Ankush is a tech enthusiast himself who is currently doing his B.Tech in CSE with specialization in Open Source Software and Open Standards, 4th year.

Ankush has also undergone training boxing and has a penchant for music and drama as well.

Fun-Fact-> Ankush also is the founder of a dramatics society University of Petroleum and Energy Studies named Vismay, exclaiming arts.

Visit his profile at, ankushsharma.co

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Ashwin Arora, the critique king

The guy who has an opinion on anything. Ashwin Arora is one of the most Tech Savvy people that you can find. Dedicating his college life to research and development, Ashwin has solid foundational knowledge on core computational technologies and computing languages like c, c++, python, java, solidity etc. He has provided support to a lot of organisations such as UPES ACM, Juno Moneta, Codechef etc. Ashwin is currently assisting Juno Moneta and is a board member of UPES ACM.

Ashwin has held talks on various topics related to technologies and has ample experience in educating a lot of students. Ashwin is also a critique king who is currently doing his B.Tech in CSE with specialization in Open Source Software and Open Standards, 4th year.

Fun-Fact-> Ashwin specializes in Blockchain development and is apt in it. He is industry ready and possesses expertise in cryptocurrency and crypto wallets.

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So what are you waiting for?

We are ready for you, come join the revolution!

Mail us for more info at
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