

Abdal Ahmed

Here's background plot of Abdal Ahmed's work:

In 2018, it was during this period that my love for cyber security awareness training in my community intensified, and I discovered cyber security knowledge as my new training package for raising awareness. I am lead trainer of cyber security training program at American Corner Sylhet. My training project is running through US Embassy Dhaka center to sponsored American Corner Sylhet.

My ultimate goal is to provide my community people with that which my own experience in cyber security education gave me, the opportunity to explore intellectual interest and to identify the implication of these pursuit in a broader context. I can see myself becoming cyber security trainer and serving as a resource person to community, and I can also see myself delving into policy making to use of safe internet for all. I am fellow of Bangladesh School of Internet Governance Forum. Bangladesh Internet Governance Forum (BIGF) is a multi-stakeholder organization aimed to illuminate issues and create ideas on internet usage in Bangladesh in association with the UN Internet Governance Forum (UN IGF). I envision competing for a Global Internet Governance Forum to exchange insights on field of cyber security knowledge with people from all over the world. While I am open and excited by the possibilities to being a cyber-security expert in 21st century. I believe that I have qualities and experiences that will translate to a successful career as a cyber-security technopreneur. My program is already created huge impact to use safe use of internet in my community which is saved cyber space damage around 8000USD cyber lose through making aware of community people.

- In our country, cyber security concept is absent in school and college curriculum. We don't have enough cyber security training facilities. I started cyber security training for my community people. Cyber security issue is a great challenging issue for my community people. I started to ensure cyber security training to raise cyber security awareness to ensure digital cyber space security.
- 10 day cyber security training at American Corner Sylhet in 2019.
- 10 day cyber security training at Sylhet Women Chamber of Commerce in 2019.
- 10 day cyber security training on Gender Based Violence at American Corner Sylhet in 2021.
- 10 day cyber security training in American Corner Sylhet in 2022.
- Talks and Presentation :(On Cyber Security)
 1. At British Council's Connecting Classroom workshop program.
 - Talk given to the fellow people on Cyber Security, School Robotics and International School Activities.
 - At Jalalabad B/L High School,Sylhet.
 - Date 12-09-2019
 - Timeline: 1 hours
 2. At Murari Chad College,Sylhet

- Talk given to Youth Ending Hunger Team on Cyber Security ,MC College Unit.
- At MC College,Sylhet
- Timeline: 1 hours

Achievements and Milestones

Cyber Security Training Workshop

An intensive course of creating awareness

Research Program Proposal by Abdal Ahmed

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Program Title: **Peace Building**

Cybercrime is around us!

It is rising in Asia and the region is becoming a prime target! This risk increases due to rapid development of business, capital flows, and connectivity that all connected through internet which prone to attack. The impact can be extremely devastating more than revenue loss but also damages in many other forms.

Thus, security is truly needed to protect human's right in digital world. And this training session will provide deeper insight to cyber issues in the community that I am talking about, and how to prevent the risk by increasing the security of personal information on the internet.

Last 2016 in February of a spectacular bank hack that sucked \$81 million from accounts at Bangladesh Bank in just hours, news headlines snickered over a typo that prevented the hackers from stealing the full \$1 billion they were after.

The hackers managed to get \$81 million sent to Rizal Commercial Banking Corporation in the Philippines via four different transfer requests and an additional \$20 million sent to Pan Asia Banking in a single request. But the Bangladesh Bank managed to halt \$850 million in other transactions.

The \$81 million was deposited into four accounts at a Rizal branch in Manila on Feb. 4. These

accounts had all been opened a year earlier in May 2015, but had been inactive with just \$500 sitting in them until the stolen funds arrived in February this year, according to Reuters.

This hacking attack make me realize that Bangladeshi common people are not aware enough about cyber security issue. So it's a challenge to make them aware about it.

After that hacking, I found my community people very concern about cyber security. I take step to raising awareness on cyber security as it is really matters for using digital technology like ATM card or online Bank Transaction. Besides when you working for security its means you are promoting peace. I consider myself as a peace promoter. I can facilitated cyber security training which helps my community people to get aware and safe

In city area, Bank, office or using technology is in risk and make our life unable to sustain due to hacking. Cyber security is a great problem. I found the solution to my predicament as I began to realize the power of the cyber security awareness training over the individual. My greatest strength become my ability to enable others to reach their fullest potential and to organize a team toward cyber security awareness. The world of the 21st century is so globalized and integrated that we cannot afford to be insular.

That month, I spent many nights working to establish a system that would allow us to study cyber security consumption patterns on the Internet in a more sophisticated way.

My analysis showed us that digital data had the potential to unlock crucial information about our cyber security training potential success rates in the market. I found it has great cyber security training industry.

In our school and college curriculum, there is almost nothing about cyber security. So young people don't know much about it. Then I realized I can aware people. My interest is to awareness to the people of digital cyber-crime attacks and cyber security. I sent a proposal to the American Corner Sylhet and accepted it. My experiences working at American Corner Sylhet first introduced me the importance of cyber security and generated an interest that would stay with me still today.

The Cyber Security Awareness Workshop a 10 day intensive course to creating awareness about ip security and mobile security among the members of American Corner , Sylhet along with the some other young professionals. **To raise awareness among citizens and organizations**, to promote the development of expertise, and to issue recommendations for more efficient policies and regulations.

One of the primary goals of training is to get folks in our community doing work to better the world we live in. Another goal is to change the negative connotations associated with the term "hacker" means.

My security awareness training initiatives provide sound advice to those seeking to protect themselves from online crime and cyber terrorism.

I am a trainer at the American Corner. I met many young people who want to make a positive change. They can bring a positive change. I want to be a change maker to this young people and lead an example by making a positive change through educating them in the cyber security expertise. I want to ensure safe use of information and communication technology. I've seen many of our IT professionals don't know about safe use of networks and are unaware of cyber security issues. So here is my concern if our young professionals don't know about security issues without this information how can they protect bank, company or government office in future. Even Bangladeshi bank sectors are affected by cyber-attack.

I have studied cisco networking academy. I have study cyber security online courses from APNIC, ICAAN. In 2018, it was a period that my love for cyber security awareness training in my community intensified, and I discovered cyber security knowledge as my new training package for raising awareness.

My ultimate goal is to provide my community people with that which my own experience in cyber security education gave me, the opportunity to explore intellectual interest and to identify the implication of these pursuit in a broader context. I can see myself becoming a cyber-security trainer entrepreneur and serving as a resource person to community, and I also see myself delving into policy making to use of safe internet for all. I believe that I have qualities and experience that will translate to a successful career as a cyber-security technopreneur.

For me, cyber security isn't just passion. It's an imperative. Cyber security training breeds in me both a sense of personal safety and warm feeling of connection to my community. When I buckle down to shape disjointed facts into a meaningful narrative, I use both sides of my brain in a way that energizes me to the core. I want to be a cyber-security technopreneur. I would hope to utilize the knowledge gained from my experiences in the cyber security arena to inform and inspire 21st century's new generation of individuals to continue the work for cyber security required by such a crucial field.

There are two things that motivated me .My father was a teacher .A founder teacher of our local school. I considered him a change maker in our community. As I saw him very close the way he appreciated by our local community it's create a positive impact to do something for others. I started community campaign to my local school after my Higher Secondary School.

I taught local young kid English Language through new technology talk. I give talk for hours in one month at the school where I studied. As I have shared my skill and I found nothing on cyber security. It makes worried that our country becoming digital along with digital risk. This is the problem that I can solve and I started to study on cyber security.

My second reason is my life-changing experience. I sometimes attended American Corner English Language club where I found some young people who showed me their interest to learn about Cyber Security. There are no much opportunities to study cyber security. I feel I can facilitate a workshop on cyber security because I have studied the topic. I've studied network and cyber security at Shahjalal University of Science and Technology.

I got two day fellowship training on cyber security from Bangladesh School of Internet Governance. I do facilitating my cyber security training through cisco networking academy. I have knowledge about how to use tools. So I do training on social engineering, manipulation human based, mobile based, computer based.

scanning IP address, sniffing network, spoofing techniques, cryptography

malware forensics

mobile forensics. network forensic

database forensics. access data FTKEn case, Autopsy etc.

Engage lifelong learning: I started cyber security training in my local community and I believe in sustainable learning .So I engaged my trainee to my facebook page so that I can provide them training/learning skill in terms of their need in timely manners .Cyber space is so fast .So we have to be updated. I post and share my all updated knowledge in facebook page and group so that everyone can get it easily. Besides I took an interview to select my trainee since 2019 and asked everyone how he/she can work on cyber security at their place after 10 day. I took commitment at American Corner Sylhet from trainee so that they work for community people through written statement to serve American Corner Sylhet so that community people learn their knowledge. I inspired to do something for others and it works. I help my trainee when they needed my help to spreading cyber security knowledge. I operate my training operation through sustainable project by my trainee to spreading cyber security awareness to host session at their place by them. Its knowledge sharing as well as capacity building on cyber security awareness.

Cyber Security Training Workshop

Trained :5000 already

An intensive course of creating awareness

Topics covered in the program are as follow:

Sl No	Topics and Learning Goals	Contents
Day 1	Introduction to the course: Why Cyber Forensic in Context Course	Introduction and Introducing Cyber Crime, Security & Forensic. Cyber Crime Law in Bangladesh, Case Study Analysis Cyber Threat/Attack Map Intro Social Media Apps, Messenger, Secret Application Social Networking Facebook Hacking, Security, Report, Analysis
Day 2		Hands on Training (Establish Avatar Accounts for all Trainees)

	Hands on Machine Learning.	<p>for Hidden)</p> <p>Facebook Analysis</p> <p>Techniques. Open Source Intelligence (OSINT), OSINT Framework.</p> <p>People Search, HTTrack, IP Logger, Reverse Lookup. Dark Web, Hidden web, Tor, VPN, Metadata analysis.</p>
Day 3	Cloud and Location	<p>Information Gathering</p> <p>Foot printing and Reconnaissance Techniques, Whois, Website Footprint, Extract Data from Online.</p> <p>Hands on Training</p> <p>Search Engines, Alternative Search Engines, Search Tool, User Names, Location Based Searches. Email Header analysis, Email Trace IP, Anonymous Email.</p>
Day 4	Hacking	<p>Google Hacking Techniques</p> <p>Google Advance Operators, Alerts Services, Images, Videos etc. Google Dork.Exiftool</p> <p>Networking</p>

		<p>IP Address, Subnet Mask, Gateway, Firewall, MAC Address.</p> <p>LAN, MAN,WAN</p> <p>Network Infrastructure,</p> <p>Wi-Fi hacking</p>
Day 5	IP and MAC Scanning	<p>Social Engineering Manipulation Human Based, Mobile Based, Computer Based.</p> <p>Scanning IP Address, Sniffing Network, Spoofing Techniques, Cryptography</p>
Day 6	Forensic	<p>Operating System Hierarchy, Architecture, Windows and Linux computer Forensics Investigation Process.</p> <p>Understanding Hard Disks and File Systems</p>
Day 7	Data Recovery	<p>Defeating Anti-Forensics Techniques. Data Acquisition and Duplication,</p> <p>Imaging</p> <p>Data Recovery. Hands on Training</p> <p>Tracking Emails and Investigating Email Crimes</p>
Day 8	Stenography	<p>Operating System Forensics. Data Hiding</p>

		<p>with Stenography, Image Stenography.</p> <p>Browser Forensic</p> <p>USB Forensics</p>
Day 9	Autopsy	<p>Malware Forensics</p> <p>Mobile Forensics. Network Forensic</p> <p>Database Forensics. AccessData</p> <p>FTKEncase, Autopsy Forensic Tools.</p>
Day 10	Review	<p>Digital Crime Case Study and Analysis.</p> <p>Forensics Report Writing n Presentation.</p> <p>Review of Class</p>