



## Aung Thu Aye

Technician of Myanma Apex Bank at Myanmar

B.Sc(Botany), IT and Cyber Security Diploma

Cyber Security Professional Member at Cyversity

Professional Member at Myanmar Computer Professional Association

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## Contact

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## Degrees

Degree	Major	University	Year
B.Sc	Botany	Yangon East University, Myanmar	2011
Dip	IT and Cyber Security	John Academy, London	2020

## Academic Career

- **TCM-Security Academy, 2022:** Windows Privilege Escalation for Beginners, Linux Privilege Escalation for Beginners, External Pentest Playbook, (OSINT) Fundamentals, Practical Phishing Assessments, Mobile Application Penetration Testing.
- **ATTACK IQ, 2021:** Foundations of Operationalizing MITRE ATT&CK, menuPass Emulation Plan Execution.
- **Aviatrix Academy, 2021:** Aviatrix Certified Engineer-Multi-Cloud Network Associate
- **Fortinet Academy, 2020:** NSE\_1, NSE\_2
- **ICSI (International Cyber Security Institute), UK, 2020:** ICSI|CNSS Certified Network Security Specialist
- **Texas A&M Engineering Extension Service, 2019:** Cyber Incident Analysis and Response (AWR169), Information Risk Management (AWR177), Disaster Recovery for Information Systems (AWR176),
- **Saylor Academy, 2018-2019:** CS406:Information Security (2018), BUS206:Management Information Systems (2019)
- **Mastercard Academy, 2019:** Master Card Simulators
- **Optus, 2019:** Optus Cyber Security Experience
- **Australian Signals Directorate, 2019:** ASD Cyber Exp
- **Cybrary, 2018:** Comp TIA Security+
- **Hurricane Electric, 2018:** IPv6 Explorer Certification (2018).
- **APNIC, 2018:** Routing\_Basics (2018), Introduction\_to\_Cybersecurity(2018).
- **D-Link Myanmar, 2018:** D-Link Power Over Ethernet Switching Training (2018), D-Link Product Training – Switching & Wireless (2018), D-Link Enterprises Product Training (2018).
- **Cisco Networking Academy, 2018:** Introduction to Cybersecurity Course (2018), Cybersecurity Essentials Course (2018), Introduction to Packet Tracer Course (2018).
- **National Security Agency, 2018:** NSA Day of Cyber
- **Charles Sturt University (IT Master), 2017-2020:** Short Courses of Cisco CCNA v3 (2017), Cyber Warfare and Terrorism (2017), Phishing Countermeasures (2018), Pen Testing (2019), CISM Prep (2020).
- **Net Pro Myanmar, 2013-2014:** CCNA Routing & Switching.
- **ICT@mm, 2009-2010:** Hardware Engineering & System Maintenance (2009), Network / Internet Engineering, Administration & System Development (2010).
- **UNFPA & Myanmar Medical Association, 2009:** Training of Trainers for Peer Education, Youth Leadership Development.

## Career Focus and Objective

My career has focused on high impact practice and education in cyber security starting with my self-study processes. Effective cyber security requires science, engineering, business, policy and people skills. My goal has been and is to instill this culture in the discipline and provide leadership in all elements.

Cybersecurity professional with a strong interest in ethical hacking, penetration testing, vulnerability analysis, and network security. Hard-working, energetic, personable, and technical-minded individual. Possess exceptional customer service and communication skills with the strong ability to multitask and resolve issues quickly. Currently in a cybersecurity role where I continue to develop and learn new abilities while contributing to the overall success of the organization. I also possess:

- Experience in scripting languages including Python and Bash
- Excellent task management. Ability to handle multiple projects simultaneously
- Experience with security toolkits such as Kali Linux, Metasploit, and Burp Suite Pro.
- Proficient in translating information from technical to executive/management terminology

## Professional Recognition

- **DEF CON CMD+CTRL Cyber Range Event, 2021:** DEF CON CMD+CTRL Cyber Range Event on Security Innovation. Awesome challenges and learn more about red teaming knowledge. I'm rank 18 out of 59 competitors.
- **Red Team ICMCP's Scholarship Training Program, Sponsored by Google, 2021:** I was awarded a 6-month Red Team Jumpstart Training program. This scholarship is for offensive cyber security phase 1 training (Red Team) provided by Security Innovation over a three-month period. I won first place in the CTF competition of the Scholarship.

## University Recognition

- **American Council of Education, 2020 onwards:** Cyber Incident Analysis and Response (AWR169), Information Risk Management (AWR177), Disaster Recovery for Information Systems (AWR176).

## LinkedIn Recognition

- **Franklin Marin**  
**Cyber Security Professional**
- It was a real pleasure to work together with Aung Thu Aye, who was an efficient cyber security engineer. He understands complicated matters even when outside of his direct area of expertise. For Aung Thu Aye the job is obviously the most important thing to do. His performance at Red Team Training sponsored by Google was golden. He is ready to deal with difficult situations and solve the problems on time. He always takes care of the job. Aung Thu Aye always maintains very good relation with teammates. I enjoyed working with him on the various Red Team Training projects we took on.
- **Wai Yan Phyo**  
**CISSP**
- I have noticed Aung Thu Aye is very eager to learn information security and cyber security related things since I started working in MAB IT department together with him. Although he is working in channel team, he never stop learning emerging cyber security techniques, vulnerabilities, risks. As far as I know, he attended and completed some cyber security related online short courses (Phishing Countermeasures, Cyberwarfare, NSA Day Of Cyber etc...) and also self-studying some industrial certifications like CEH and OSCP which he planning to take soon. I believed if he keep studying and learning cyber security related matters, he will be a valuable asset for every organization to hire as a IT security professional.
- **Reference :** <https://www.linkedin.com/in/aungthuaye/details/recommendations/>

## Opportunity Career

**Bugcrowd ( Oct 2021 ~ Until now)**  
Security Researcher – Self employed

### Experience

11 mos

- I work as a freelance penetration tester for web applications.

**Hacker One ( Feb 2019 ~ Until now)**  
Security Researcher – Self employed

3 yrs & 7 mos

- I work as a freelance penetration tester for web applications.

**Google ( Jul 2021 ~ Until now)**  
Bug Hunter – Self employed

1 yrs & 2 mos

- I work as a freelance penetration tester for web applications.

**Myanmar Apex Bank ( May 2015 ~ Until now)**  
Technician

7 yrs & 3 mos

- I'm working in CMS Team, my main duty is maintenance and monitoring self-service ATM terminals and incident response processes of ATM security issues.
- As per PCI DSS mandatory requirements, we set up the ATM card full PAN masking, whitelisting software which are only necessary ATM services to protect malicious service running since 2018.
- Monitoring the threats from the ATM or Host using Splunk dashboard.
- Level 2 threat analysis using logs to perform logs correlation and identifying threats.
- Responsible for the management of assigned IT CMS projects and business process solutions for Cards businesses.
- Coordinates User Acceptance Testing (UAT) of CMS and ATM as assigned. Responsible for IT Support of ATMs and POS new deployment and maintenance.
- I received 4 time promotion of my position.

**Tasly Myanmar ( Jun 2014 ~ Sep 2014)**  
Technician

4 mos

- I'm working as IT Team Lead only one, my main duty is maintenance and monitoring office personal computers, finger print, printer, FAX, web CMS Joomla administration and network and wireless issues daily.

**Cybernetics Outdoor Services ( Jan 2010 ~ Sep 2013)**  
Technician

3 yrs & 9 mos

- I'm working in IT Team, my main duty is maintenance and monitoring self-service personal computers and Internet of things in whole Yangon Region.

## Personal

- Myanmar Citizen, 1991. Born in Myanmar. Schooled at No.6 Botahtaung School, Botany (Yangon East University). Married.
- Fond of travel, diverse cultures, books and movies. Avid spectator of sports and current affairs.

## CTFs

<b>1<sup>st</sup> Place out of 200</b> , Red Team ICMCP's Scholarship Training Program CTF	June 2021
<b>18<sup>th</sup> Place out of 59</b> , CMD+CTRL DEFCON CTF	August 2021
<b>2<sup>nd</sup> Place out of 90</b> , October Red Team Bootcamp CTF	October 2021
<b>3<sup>rd</sup> Place out of 80</b> , November Red Team Bootcamp CTF	November 2021
<b>912<sup>nd</sup> Place out of 4034</b> , NahamCon 2022 CTF	April 2022
<b>1<sup>st</sup> Place out of 22</b> , OWASP Orange County CTF	July 2022

## Projects

**PCI/DSS** – Since 2018, we have defended the security principles of our bank card users, as required by PCI DSS migration.

## Recognized Exam Experience

CEH (Practical) – In 2022, I completed the CEH Practical exam. I took the Webinar exam for the first time, but due to the screen size requirement and the complicated nature of the questions, I did not pass the exam the first time. To retake for the exam, I am attempting to revise my requirements first in order to make it the best it can be. The following is the outcome of my first CEH Practical exam.

Test Name : Certified Ethical Hacker(Practical)  
Certification Number : ECC3681592\*\*\*  
Date Test Taken : 12 April, 2022  
Score : 6  
Status : Failed

## Detailed Enumeration

The rest of my resume details the following: Full resume is available at <https://aungthuaye.blogspot.com>. If I am chosen, you will be shown private information that is not available on my personal collection website.