

Ahmad B. Usman

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Summary

I am a Cyber Security researcher with a passion for Ethical Hacking and Penetration Testing as well as Artificial Intelligence and Machine Learning technologies.

Personal Information

Nationality: Nigeria

Place & Date of Birth: Saudi Arabia 1993

Education

MSc in ICT for Internet and Multimedia: University of Padua (Italy) Oct 2019 – July 2021
• Track of CyberSystems, Dept. of Information Engineering: GPA: 110/110 [Thesis](#) [🔗](#)
BSc in Information Technology: University of Science and Technology (Sudan) Oct 2013 – Sep 2017
• Faculty of Computer Science & Information Technology: GPA: 3.78/4

Experience

Linköping University, Research Assistant Linköping, Sweden Dec 2021 – Present
• Conducting research on Secure software updates and remote attestation
HWG s.r.l, Cyber Security Specialist Verona, Italy Sep 2021 – Nov 2021
• Ongoing security management
SPRITZ, Research Assistant Padua, Italy Sep 2020 – Jul 2021
• Conducting research on Industrial Control Systems and Machine learning

Certificate

Certified Ethical Hacker (CEH): EC-Council, Dec 2017.

Security+: CampTIA, Sep 2017

CCNA Security: CISCO, Aug 2017.

CCNA Routing/Switching: CISCO, Sep 2015.

Publications

Remote Attestation with Software Updates in Embedded Systems Oct 2024
• **Ahmad B. Usman** and Mikael Asplund [IEEE](#) [🔗](#)
Remote Attestation Assurance Arguments for Trusted Execution Environments Apr 2023
• **Ahmad B. Usman**, N. Cole, Mikael Asplund, F. Boeira, C. Vestlund [ACM](#) [🔗](#)

Other Skills

Programming: C++, C, Python, SQL, Java, JavaScript

Languages: English (H), Arabic (H), Swedish (M), Hausa (H)