

BILAL RETIAT

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Experience

Realistic Security

SYSTEM ADMINISTRATOR (PART TIME)

- Ensure proper security and configurations for the infrastructure for production servers.
- Work with project team to make improvements to current infrastructure.
- Manage and maintain multiple virtual machines.

Algiers, Algeria

May. 2019 - Present

El Djazair Information Technology (ELIT)

SECURITY ENGINEER INTERN

- Performed WAF evasion and bypass tests on FortiWeb.

Algiers, Algeria

Sep. 2018

Education

ESI-SBA (Ecole Supérieure en Informatique 08 Mai 1945)

ENGINEER'S DEGREE IN COMPUTER SCIENCE

Sidi Bel Abbès, Algeria

Sep. 2015 - Present

Lycée Delmi Bourass Ahmed

BACCALAURÉAT

Ouled Bessem, Tissemsilt, Algeria

Sep. 2012 - Jun. 2015

Core Competencies

- Problem Solving
- Penetration Testing & Exploit Development
- Reverse Engineering & Malware Analysis
- Linux System Administration
- Backend Web Development

Skills

Programming

Python, C, C++, GO, JAVA, Shell Scripting

Tools & Technologies

Linux, Docker, Git, Django, SQL, XML

Others

x86 Assembly, ARM Assembly, GNU Debugger

Languages

Arabic (Native Proficiency), English (Professional Working Proficiency), French (Limited Working Proficiency)

Extracurricular Activity

Sudo_root (CTF team)

CTF PLAYER

- Participated on a lot of Hacking Competitions (CTFs).
- Gained expertise in hacking & security areas, especially about reverse engineering, exploit development and cryptanalysis.
- Gained expertise in penetration testing & code auditing.

Algeria

Feb. 2017 - Present

Projects

Malware Revealer

DEVELOPER

- Malware Revealer is a malware classification framework, designed primarily for malware detection, it contains a modular toolset for feature extraction, as well as pre-trained models and a ready to use web API for making predictions.

ESI-SBA, Algeria

Mar. 2019 - Present

OpenClass

BACKEND DEVELOPER

- A Django web application provides all the features necessary for the organization of workshops.

ESI-SBA, Algeria

Mar. 2018 - Sep. 2018

ESI-LINUX

DEVELOPER

- Customized Linux distribution for ESI-SBA students provides all the necessary tools for their curriculum.

ESI-SBA, Algeria

Mar. 2017 - Jun. 2017

Honors & Awards

Sep. 2019 **2nd Place**, CyberTalents - Arab Regional Cyber Security CTF
Jul. 2019 **1st Place**, CyberTalents - Algeria National Cyber Security CTF
Nov. 2017 **3rd Place**, CSAW'17 CTF Hacking Competition Final (MENA)

CSCAMP, Cairo, Egypt
ESI-SBA, Sidi Bel Abbes, Algeria
NYUAD, Abu Dhabi, UAE

Program Committees

Feb. 2019 **Organizer & Problem Writer**, AlphaBit Coding Challenge 1st Edition
May. 2018 **Organizer & Problem Writer**, IngeHack CTF Hacking Competition 1st Edition

ESI-SBA, Algeria
ESI-SBA, Algeria

Presentation

MLH Local Hack Day by Ingeniums Club

PRESENTER FOR <DOCKER FROM A TO B>

- Introduced the Docker Key Concepts.
- Introduced how to dockerize a Django Web Application.

ESI-SBA, Algeria

Dec. 2018

DevDay2.0 by AlphaBit Club

PRESENTER FOR <SQL INJECTION>

- Introduced SQL Injection describing some attack and defence techniques.
- Conducted a workshop on SQL Injection attack techniques.

ESI-SBA, Algeria

Dec. 2018