

# BILAL RETIAT

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## Education

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

ENGINEER'S DEGREE IN COMPUTER SCIENCE

Sidi Bel Abbés, Algeria

Sep. 2015 - Present

### Lycée Delmi Bourass Ahmed

BACCALAURÉAT

Ouled Bessem, Tissemsilt, Algeria

Sep. 2012 - Jun. 2015

## Experience

### Realistic Security

SYSTEM ADMINISTRATOR

Algiers, Algeria

May. 2019 - Present

- 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.

### El Djazair Information Technology (ELIT)

SECURITY ENGINEER INTERN

Algiers, Algeria

Sep. 2018

- Performed WAF evasion and bypass tests on FortiWeb.

## Core Competencies

- Problem Solving
- Code Auditing & Penetration Testing
- Reverse Engineering & Exploit Development
- 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

Algeria

Feb. 2017 - Present

- 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.

## Projects

### OpenClass

BACKEND DEVELOPER

ESI-SBA, Algeria

Mar. 2018 - Present

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

### ESI-LINUX

DEVELOPER

ESI-SBA, Algeria

Mar. 2017 - Jun. 2017

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

## Honors & Awards

Nov. 2017 **3rd Place**, CSAW'17 CTF Hacking Competition Final (MENA)

NYUAD, Abu Dhabi,

UAE

## Program Committees

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May. 2018 **Organizer & Problem Writer**, IngeHack CTF Hacking Competition 1st Edition

*ESI-SBA, Algeria*

Feb. 2019 **Organizer & Problem Writer**, AlphaBit Coding Challenge 1st Edition

*ESI-SBA, Algeria*

## Presentation

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### MLH Local Hack Day by Ingeniums Club

*ESI-SBA, Algeria*

PRESENTER FOR <DOCKER FROM A TO B>

*Dec. 2018*

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

### DevDay2.0 by AlphaBit Club

*ESI-SBA, Algeria*

PRESENTER FOR <SQL INJECTION>

*Dec. 2018*

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