BILAL **RETIAT**

07, rue de l'indépendance, Ouled Bessem, Tissemsilt, 38014, Algeria

(+213) 550 07 77 02 | bilalphilomath@gmail.com | philomath213.github.io | philomath213 | philomath213 | philomath213

Education

ESI-SBA (Ecole Supérieure en Informatique 08 Mai 1945) *Sidi Bel Abbés, Algeria*
ENGINEER'S DEGREE IN COMPUTER SCIENCE *Sep. 2015 - Present*

Lycée Delmi Bourass Ahmed *Ouled Bessem, Tissemsilt, Algeria*
BACCALAURÉAT *Sep. 2012 - Jun. 2015*

Experience

Realistic Security *Algiers, Algeria*
SYSTEM ADMINISTRATOR *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) *Algiers, Algeria*
SECURITY ENGINEER INTERN *Sep. 2018*
- Performed WAF evasion and bypass tests on FortiWeb.

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) *Algeria*
CTF PLAYER *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

Malware Revealer *ESI-SBA, Algeria*
DEVELOPER *Mar. 2019 - Present*
- 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.

OpenClass *ESI-SBA, Algeria*
BACKEND DEVELOPER *Mar. 2018 - Sep. 2018*
- A Django web application provides all the features necessary for the organization of workshops.

ESI-LINUX *ESI-SBA, Algeria*
DEVELOPER *Mar. 2017 - Jun. 2017*
- Customized Linux distribution for ESI-SBA students provides all the necessary tools for their curriculum.

Honors & Awards

Sep. 2019 **2nd Place**, CyberTalents - Arab Regional Cyber Security CTF

CSCAMP, Cairo, Egypt

Jul. 2019 **1st Place**, CyberTalents - Algeria National Cyber Security CTF

ESI-SBA, Sidi Bel Abbes, Algeria

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

NYUAD, Abu Dhabi, UAE

Program Committees

Feb. 2019 **Organizer & Problem Writer**, AlphaBit Coding Challenge 1st Edition *ESI-SBA, Algeria*

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

Presentation

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.