

BELKACEM SALIM

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EDUCATION

BSc in Computer Science (Cyber Security Specialization)

Sep 2022 - Jun 2024

Numidia Institute of Technology, Algiers

- **Relevant Courses:** Networking, Python, ML, AI in Cybersecurity, Cryptography, Distributed Systems, SDN.
- **End of Year Project:** Developed an automated compliance pipeline that takes CIS Benchmark policy checks from Wazuh and feeds results into a locally hosted LLM for analysis, improving security posture visibility.

EXPERIENCE

UNIDEES, ALGIERS, ALGERIA

Apr 2025 - Jun 2025

Intern

- Acquired hands-on experience in SIEM deployment, log analysis, and threat detection using enterprise-grade tools.
- Configured and optimized a Wazuh instance for endpoint security monitoring, including custom rule creation for real-time alerting.
- Developed Python scripts to parse and normalize Wazuh alerts for integration with third-party tools
- Conducted hands-on comparison of Wazuh and FortiSIEM capabilities, documenting key differences in log parsing and alerting mechanisms

NCS CLUB, ALGIERS, ALGERIA

April 2025

CTF Event Organizer & Supervisor

- Led the end-to-end execution of our school's first Capture The Flag (CTF) competition, managing everything from challenge design to technical infrastructure.
- Collaborated with club members to create custom cybersecurity challenges (e.g., cryptography, web exploitation).
- Troubleshoot live issues during the event, ensuring minimal downtime and a smooth participant experience.

ALPHATRON, ORAN, ALGERIA

July 2024

Intern

- Conducted week-long observational study of computer hardware manufacturing processes for laptops, desktops, and all-in-one systems.
- Analyzed quality control procedures and production line workflows in an active manufacturing environment.
- Gained exposure to industry-standard hardware assembly techniques and quality assurance protocols.

PROJECTS

- Leveraging LLMs for Intelligent Compliance Management with Wazuh.
- designed, created, deployed and hosted custom CTF challenges and the ctfD platform on the cloud.
- anomaly based IDS powered by machine learning and virtualized using gns3

SKILLS

- **Languages:** C/C++ | Python | Java | JavaScript | HTML/CSS | SCSS | SQL | Bash | PHP | Lua | markdown | goLang
- **Technologies:** Linux | NeoVim/Vim | Emacs | Git/GitHub | LazyGit | KVM | Wazuh | Hugo
- **Soft Skills:** Process Improvement | Adaptive Learning | Automation Mindset | Cross-Team Alignment | Agile Troubleshooting