

MOHAMED GUIZANI

4th-Year Cybersecurity Engineering Student

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Tunis, [Date] · To: [Company / Hiring Team]

Subject: Application for a Summer Internship in Cybersecurity

Dear Hiring Manager,

I am a fourth-year **Cybersecurity Engineering student (SSIR) at TEK-UP University**, building on a Bachelor's degree in **Embedded Systems**, and I am writing to express my strong interest in a summer internship within your security team.

Rather than confining myself to a single branch of cybersecurity this early, I have deliberately built hands-on experience across the field — from **blue-team / SOC operations** and **network security** to **offensive testing, malware analysis** and **secure development**. I believe that breadth, at this stage, is exactly what helps me understand how the pieces fit together and where I can grow best.

A few projects illustrate this. I built a full **open-source SOC** (Wazuh, TheHive, Cortex and Shuffle SOAR) and integrated a locally-hosted Llama 3 model for AI alert triage. I ran an **OWASP API Top 10 penetration test** that uncovered six vulnerabilities — four leading to full administrative compromise — and then engineered a dashboard to automate the whole audit. I designed a hardened **IP/MPLS backbone** with redundant Cisco ASA firewalls, a DMZ and AAA, performed an **Emotet malware analysis** mapped to MITRE ATT&CK, and secured a **Solidity smart-contract treasury** against reentrancy and access-control flaws.

My embedded-systems background gives me a low-level understanding of how hardware and software actually behave — an asset when reasoning about real attack surfaces and defenses. I am a fast learner, comfortable with Linux, scripting and lab-building, and genuinely motivated by real-world challenges.

I am **open to any opportunity that will sharpen my skills**, and I would be grateful for the chance to contribute to and learn from your team this summer. Thank you very much for your time and consideration; I would welcome the opportunity to discuss how I can be useful to you.

Sincerely,

Mohamed Guizani

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