

Salah Chafai

Aspiring Cybersecurity, Networking & Low-Level Systems Engineer

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SUMMARY

Second-year ICT student at INSAT with hands-on experience in low-level programming, offensive security, and networking. Strong track record in CTF competitions (specializing in pwn, reversing, and net challenges), open-source contributions, and systems-level development. Seeking an internship or junior role in cybersecurity, networking, or systems engineering to apply and expand technical expertise.

EXPERIENCE

- CTF Player & Challenge Author

2024 - Present

FL1TZ

 - Designed binary exploitation and reverse engineering challenges for CTFs with 300+ participants
 - Published in-depth writeups on exploit techniques (heap, format strings, shellcoding, protocol abuse)
 - Built containerized challenge infrastructure (Docker + custom scripts)
 - Specialized in exploiting custom network protocols and bypassing memory protections
- Open Source Contributor – Graphics & Low-Level Systems

2020 - 2023

Remote

 - Improved the rendering and memory management pipeline in the Stride game engine (C# / low-level DX/OpenGL)
 - Helped maintain large-scale simulation tools including physics engines and wildfire simulators
- Lead Game Developer

2019 - 2022

Phantom Penguin

 - Designed and released multiple cross-platform games with both single-player and networked multiplayer modes
 - Built procedural generation systems and optimized data pipelines using C#, Unity, and custom engines
 - Managed full development cycle, including network sync logic and client/server architecture

EDUCATION

- Information and Communication Technology (ICT)

2023 - Present

National Institute of Applied Science and Technology (INSAT) - Engineering Degree
- Mathematics

2019 - 2023

Pioneer School of Monastir, Tunisia - Baccalaureate

GPA: 4.0

SKILLS

Low-Level Programming	Advanced	Networking & Protocols	Intermediate
Python & Scripting	Advanced	Virtualization & Containers	Intermediate
Binary Exploitation & RE	Advanced	Network Security Tooling	Intermediate