

Oleksii Hnatiuk

+39 393 6169434 | Terrasini (PA), Italy 90049 | batistaq@proton.me | github.com/Krak9n | linkedin.com/in/oleksii-hnatiuk | qlain.online

Education

Istituto Tecnico Statale "Carlo Alberto Dalla Chiesa"
Informatica e Telecomunicazioni

Partinico (PA), Italy
Sep 2024 — June 2027 (Expected)

Vinnytsya High School 13
General Education High School

Vinnytsya, Ukraine
Sep 2013 — July 2024

Projects

Homelab

Apr 2026 — Present

- Started designing own homelab in the March of 2026 with the intent of self-hosting personal repositories.
- Acquired first hardware in the April, and the began network construction closer to the May.
- Self-hosting files across various devices, blocking undesired traffic, and more.
- The project is still on a stage of active setup.

Solitario (github.com/Krak9n/soltaire-ascii)

Feb 2026

- ASCII realisation of the famous card-game in pure Java, and no dependencies.
- Built in 4 days to explore socket-based programming in OOP manner.
- Gained hands-on experience with Java sockets, concurrency, and network communication protocols.

Ranni (github.com/Krak9n/ranni)

July 2025

- A performant Rust CLI application that converts visual media into ASCII-rendered output.
- Utilizes FFmpeg for frame decoding and stream handling across image and video formats.
- Command-line workflows with Clap, enabling customizable conversion settings.

Little Goblin (github.com/Krak9n/little-goblin)

Nov 2025

- A minimal HTTP server in C, implements core protocol handling from scratch.
- Manages socket communication, request parsing, and dynamic response generation at a low level.

Other Projects

Jan 2021 — Present

- Small scale tools, scripts for automation, websites, CLI utilities, and system experimentation.
- Minimalistic raytracers, path tracers, and other Graphics Programming related projects.

Extracurriculars

CTFs

Nov 2025 — Present

- Participated in: OIiCyber 2025 / 2026, CyberChallenge 2026, TeamItaly 2026 selection, and bhackariCTF 2026.
- In February 2026 was selected as one of the top 200 students in Italy to attend the residential training camp for the Italian Cybersecurity Olympics located in Torino.
- Completed intensive technical training in web security, cryptography, and network defense through 40+ hours of hands-on labs and lectures.

Technical Skills

- **Programming Languages:** C, C++, Rust, Python, Haskell, Scheme, Java, JavaScript, HTML/CSS
- **Databases:** MariaDB, MySQL
- **Libraries:** Sprint Boot, React, Angular, OpenGL, Vulkan
- **Operating Systems:** Gentoo, Arch Linux, Debian, FreeBSD, Windows

Languages

- Ukrainian (native), Russian (B2), Italian (B1), English (C1)